

REPORT
OF THE
HEALTH OF LIVERPOOL


DURING THE YEAR 1874,

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REPORT, 1874.

DURING the fifty-two weeks of the year 1874 (terminating on Saturday, 2nd January, 1875), the returns of the Local Registrars record 19,861 births and 16,336 deaths within the Borough of Liverpool.

Of the births, 10,064 were males, and 9,797 were females ; making the total Birth-rate of the Borough equal to 38.8 per 1,000.

The distribution of the births in the different wards and districts of the Borough has been arranged in the following Table :—

BIRTHS.

DISTRICTS AND WARDS.		1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Annual.
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Births
Parish.	Scotland	425	380	407	366	392	374	423	332	3099
	Vauxhall	79	65	74	71	75	83	84	56	587
	St. Paul's and Exchange..	93	101	102	92	86	90	92	75	731
	St. Anne's and Lime Street	158	168	163	165	145	178	173	161	1311
	Castle Street and St. Peter's	16	25	24	19	23	26	30	32	195
	Pitt Street and Gt. George	83	86	68	94	85	96	64	90	666
	Rodney St. & Abercromby	209	200	186	179	163	187	225	185	1534
Out-Townships.	Everton and Kirkdale....	751	681	770	759	758	736	705	776	5996
	West Derby	295	263	284	276	286	275	265	266	2210
	The Toxteths	464	454	430	441	389	448	460	446	3532
Parish		1063	1025	1024	986	969	1034	1091	931	8123
Out-Townships		1510	1398	1484	1476	1433	1459	1490	1488	11738
Borough		2573	2423	2508	2462	2402	2493	2581	2419	19861

Of the 16,336 deaths, 8,414 were of males, and 7,922 of females ; 8,296 occurred in the Parish, and 8,040 in the Out-townships.

The Death-rate of the Borough was equal to 31.9 per 1,000.

The Death-rate of the Parish was equal to 36·2, and that of the Out-townships to 28·5 per 1,000 of the population.

The deaths occurred in the following districts :—

DEATHS.

DISTRICTS.		1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Annual.
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Deaths.
Parish.	Scotland	244	274	221	229	334	323	355	351	2331
	Vauxhall	64	56	65	44	83	75	75	68	530
	St. Paul's and Exchange	79	71	72	63	103	101	119	89	697
	St. Anne's and Lime Street	133	124	132	140	176	163	181	170	1219
	Castle Street and St. Peter's	24	22	30	23	25	31	32	26	213
	Pitt Street and Great George	58	65	57	73	77	74	112	99	615
	Rodney Street and Abercromby	106	121	98	106	135	130	133	116	945
	Parish Workhouse and Hospitals	304	191	224	159	226	136	278	228	1746
Out-Townships.	Everton and Kirkdale	389	390	365	386	609	542	612	557	3850
	West Derby	141	121	188	170	180	166	186	195	1347
	The Toxteths	231	267	283	272	264	340	308	382	2347
	Out Township Hospitals	81	50	68	38	62	39	92	66	496
Parish		1012	924	899	837	1159	1033	1285	1147	8296
Out-Townships		842	828	904	866	1115	1087	1198	1200	8040
Borough		1854	1752	1803	1703	2274	2120	2483	2347	16336

We are able, from the returns made by the Registrars as to the residences of persons dying in the Workhouses and Hospitals of the town, to classify 1,342 of the deaths in these establishments under the wards and districts from whence the patients were removed, viz., 300 under Scotland Ward, 137 under Vauxhall Ward, 161 under St. Paul's and Exchange Wards (Dale Street District), 232 under St. Anne's and Lime Street Wards (Islington District), 20 under Castle Street and St. Peter's Wards (St. George's District), 106 under Pitt Street and Great George's Wards (St. Thomas's District), 108 under Rodney Street and Abercromby Wards (Mount Pleasant District), 209 under the Out-townships of Everton and Kirkdale, 59 under that of West Derby, and 10 under those of the Toxteths. This will, however, still leave unclassified 900 deaths of persons whose previous residences were either unknown or not specified; and these, in the absence of definite information, I have placed in the Wards in proportion to the number of total deaths.

The results of the alterations occasioned by this re-arrangement of the deaths in the wards and districts will be shown in the following table, from which a calculated rate of mortality per 1,000 of the estimated inhabitants has been made ; but it must be observed that the estimate of the population of all the districts of the Parish has been made on a rate of decrease which is probably in excess of what is now going on.

DISTRICTS AND WARDS.	Annual.	
	Deaths.	Rate per 1000.
Scotland	2785	36·9
Vauxhall	706	40·9
St. Paul's and Exchange	908	40·5
St. Anne's and Lime Street	1536	38·6
Castle Street and St. Peter's	246	31·6
Pitt Street and Gt. George	763	35·4
Rodney Street and Abercromby	1114	24·7
Everton and Kirkdale	4296	30·1
West Derby	1488	27·2
The Toxteths	2494	29·5
Borough	16336	31·9

The following table shows the natural increase or decrease of population, or the proportion of births to deaths during the year 1874, in the several districts of the Borough :—

DISTRICTS AND WARDS.	Births.	Deaths.	Increase.	Decrease
Scotland	3099	2785	314	..
Vauxhall	587	706	..	119
St. Paul's and Exchange	731	908	..	177
St. Anne's and Lime Street	1311	1536	..	225
Castle Street and St. Peter's	195	246	..	51
Pitt Street and Gt. George	666	763	..	97
Rodney Street and Abercromby	1534	1114	420	..
Everton and Kirkdale	5996	4296	1700	..
West Derby	2210	1488	722	..
The Toxteths	3532	2494	1038	..
Borough	19861	16336	3525	..

The Registrar-General's reports enable us, as will be seen from the following table, to compare the mortality of Liverpool with twenty of the large towns of the United Kingdom :—

TOWNS.	Estimated Popula- tion in the middle of the year 1874.	Births in 52 Weeks, ending 2nd Jan., 1875.	Deaths in 52 Weeks, ending 2nd Jan., 1875.	Annual Rate to 1,000 of Population.		Population on Acre.
				Births.	Deaths.	
London	3400701	121394	76606	35·6	22·5	45·1
Portsmouth	120436	3826	2453	31·7	20·3	26·8
Norwich	82257	2606	1935	31·6	23·5	11·0
Bristol	192889	7030	4382	36·4	22·7	43·3
Wolverhampton ...	70896	2822	1693	39·8	23·8	20·9
Birmingham	360892	14898	9664	41·2	26·7	43·0
Leicester	106202	4353	2560	40·9	24·1	33·2
Nottingham	90894	3204	2255	35·2	24·8	45·5
Manchester	355339	13942	10799	39·2	30·3	82·8
Salford	133068	5884	3935	44·2	29·5	25·7
Oldham	86281	3557	2564	41·2	29·7	18·5
Bradford	163056	6528	4395	40·0	26·9	22·6
Leeds	278798	11578	8001	41·5	28·6	12·9
Sheffield	261029	10861	7009	41·6	26·8	13·3
Hull	130996	5353	3340	40·8	25·4	36·0
Sunderland	104378	4257	2443	40·7	23·4	31·6
Newcastle-on-Tyne	135437	5533	3959	40·8	29·2	25·2
Edinburgh	211691	6807	5005	32·1	23·6	47·8
Glasgow	508109	19900	15801	39·1	31·0	100·4
Dublin	314666	8903	8190	28·3	26·0	31·3
Liverpool	510640	19861	16336	38·8	31·9	98·0

The average age at death of the inhabitants of the Borough during the twelve months of the year 1874 was 22 years, in the Parish 25 years, and in the Out-townships 20 years. The following table shows that the average age was lowest during the third quarter, or during the months of July, August, and September, when infantile diarrhœa was rife :—

WARDS.	QUARTERS.								YEAR 1874.		
	FIRST.		SECOND.		THIRD.		FOURTH.		Age in Years.		
	Age in Years.		Age in Years.		Age in Years.		Age in Years.				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Both Sexes.
Average Age at Death.	20	20	21	22	14	14	15	19	17	19	18
Scotland	20	28	18	27	15	14	14	18	17	22	19
Vauxhall	31	27	20	19	14	13	22	20	22	20	21
St. Paul's	24	28	23	17	21	19	20	30	22	24	23
Exchange	21	24	21	17	15	12	19	22	19	19	19
St. Anne's	22	23	23	16	12	18	23	29	20	22	21
Lime Street	31	25	26	31	9	14	31	30	24	25	25
Castle Street	25	34	30	21	23	23	17	25	24	26	25
St. Peter's	28	27	28	29	25	17	21	28	25	25	25
Pitt Street	24	38	24	21	18	20	26	26	23	26	25
Great George	31	34	18	29	22	20	25	33	24	29	26
Rodney Street	35	35	27	28	16	17	26	34	26	29	27
Abercromby	38	36	38	42	38	36	37	42	38	39	38
Parish Workhouse } and Hospitals }	21	23	30	28	13	14	19	20	21	21	21
Everton and Kirkdale	21	27	17	15	13	16	20	24	18	20	19
West Derby	19	30	19	19	14	18	19	24	18	23	20
North Toxteth	19	23	23	27	10	12	17	20	17	21	19
South Toxteth	36	39	17	21	37	32	34	33	31	31	31
Out-Township Work- house & Hospitals }	28	28	26	26	20	18	23	27	24	25	25
Parish	22	26	19	18	14	15	20	22	19	20	20
Out-Townships	25	27	23	22	17	17	22	25	22	23	22
Borough											

The deaths of infants below the fifth year of their age amounted to 8,165, and thus comprised 49·9 per cent. of the whole deaths.

The first of the following tables shows the districts where infant mortality was relatively and absolutely greatest; the second table illustrates the influence of age on the death-rate of the Borough; and the third table places, in one connected view, the pathological history of the death registry.

WARDS.	Quarters.				Annual.	Per Cent- age of Deaths under 5 years to Total Deaths.
	March.	June.	Sept.	Dec.		
Scotland	Total Deaths.. 518	450	657	706	2331	} 59·6
	Below 5 years.. 291	240	440	419	1390	
Vauxhall	Total Deaths.. 120	109	158	143	530	} 57·3
	Below 5 years.. 53	55	107	89	304	
St. Paul's	Total Deaths.. 79	61	116	83	339	} 56·0
	Below 5 years.. 33	37	77	43	190	
Exchange	Total Deaths.. 71	74	88	125	358	} 47·4
	Below 5 years.. 29	36	46	59	170	
St. Anne's	Total Deaths.. 165	175	254	267	861	} 57·3
	Below 5 years.. 90	90	175	139	494	
Lime Street	Total Deaths.. 92	97	85	84	358	} 55·8
	Below 5 years.. 51	59	54	36	200	
Castle Street	Total Deaths.. 17	14	19	18	68	} 47·0
	Below 5 years.. 8	5	14	5	32	
St. Peter's	Total Deaths.. 29	39	37	40	145	} 46·2
	Below 5 years.. 9	16	19	23	67	
Pitt Street	Total Deaths.. 48	55	69	80	252	} 46·0
	Below 5 years.. 22	20	35	39	116	
Great George	Total Deaths.. 75	75	82	131	363	} 49·8
	Below 5 years.. 30	40	48	63	181	
Rodney Street	Total Deaths.. 97	89	124	116	426	} 46·8
	Below 5 years.. 38	45	69	48	200	
Abercromby	Total Deaths.. 130	115	141	133	519	} 43·7
	Below 5 years.. 34	49	89	55	227	
Parish Workhouse and Hospitals	Total Deaths.. 495	383	362	506	1746	} 15·4
	Below 5 years.. 98	51	54	67	270	
Everton and Kirkdale ..	Total Deaths.. 779	751	1151	1169	3850	} 56·4
	Below 5 years.. 397	408	731	636	2172	
West Derby	Total Deaths.. 262	358	346	381	1347	} 54·7
	Below 5 years.. 131	197	217	193	738	
North Toxteth	Total Deaths.. 244	259	297	343	1143	} 54·2
	Below 5 years.. 119	142	186	173	620	
South Toxteth	Total Deaths.. 254	296	307	347	1204	} 60·5
	Below 5 years.. 137	180	215	197	729	
Out-Township Workhouse and Hospitals	Total Deaths.. 131	106	101	158	496	} 13·1
	Below 5 years.. 9	27	4	25	65	
Parish	Total Deaths.. 1936	1736	2192	2432	8296	} 46·2
	Below 5 years.. 786	743	1227	1085	3841	
Out-Townships	Total Deaths.. 1670	1770	2202	2398	8040	} 53·7
	Below 5 years.. 793	954	1353	1224	4324	
Borough	Total Deaths.. 3606	3506	4394	4830	16336	} 49·9
	Below 5 years.. 1579	1697	2580	2309	8165	

AGES.	Quarters.				Annual.	
	March.	June.	Sept.	Dec.	Deaths.	Rate per 1000 of population.
Deaths at 1 year and under	939	965	1495	1234	4633	9·0
„ between 1 year and 5	640	732	1085	1075	3532	6·9
„ „ 5 „ 20	248	290	387	454	1379	2·7
„ „ 20 „ 60	1268	1075	1114	1465	4922	9·6
„ above 60 years	509	442	311	602	1864	3·6
„ at ages unknown	2	2	2	..	6	0·01
„ at all ages	3606	3506	4394	4830	16336	31·9

The Registrar's returns show that there were 11 deaths (8 of women and 3 of men) above the age of 90, viz., 2 females at 91, 1 male at 92, 1 male and 1 female at 94, 3 females at 95, 1 male at 96, and 2 females at 98.

CLASSES.	QUARTERS.				YEAR
	March.	June.	Sept.	Dec.	1874.
1. Zymotic Diseases	593	841	1897	1462	4793
2. Diseases of Uncertain Seat	98	108	105	121	432
3. Tubercular Diseases	509	468	468	472	1917
4. Diseases of Brain, &c.	420	424	380	460	1684
5. „ of Heart, &c.	199	190	139	197	725
6. „ of Lungs, &c.	868	593	424	1067	2952
7. „ of Stomach, &c.	148	134	154	167	603
8. „ of Kidneys, &c.	62	63	55	72	252
9. Childbirth, Diseases of Uterus, &c.	33	28	33	43	137
10. Rheumatism, Diseases of the Joints, &c.	22	19	30	21	92
11. Diseases of the Skin, Cellular Tissue, &c.	28	24	20	29	101
12. Malformations	11	17	10	10	48
13. Premature Birth	55	52	58	59	224
14. Atrophy and Debility	214	208	318	241	981
15. Old Age	103	99	67	134	403
16. Privation, Cold, &c.	1	..	3	3	7
17. Inquests	217	224	210	247	898
Causes not specified	25	14	23	25	87
All Causes	3606	3506	4394	4830	16336
Total Zymotics	593	841	1897	1462	4793
Smallpox	2	9	4	15	30
Measles	109	135	106	94	444
Scarlatina	137	245	700	829	1911
Hooping Cough	115	149	143	109	516
Diarrhœa	42	71	684	82	879
Typhus and Infantile Fever	62	89	120	178	449

ZYMOTICS.

Zymotic diseases occasioned 4793 deaths during the year 1874, and thus accounted for 29·3 per cent. of the total mortality within the Borough of Liverpool during the same period. The following table shows the localities and the periods of their fatal prevalence :—

WARDS, &c.	Deaths from all Causes.	ZYMOTICS.				
		Quarters.				Per Centage of Zymotic Deaths to Deaths from all Causes.
		March.	June.	Sept.	Dec.	
Scotland	2331	102	110	317	269	34·2
Vauxhall	530	16	12	62	45	25·4
St. Paul's	339	7	12	47	20	25·3
Exchange	358	8	17	38	34	27·0
St. Anne's	861	23	51	135	98	35·6
Lime Street	358	23	30	35	21	30·4
Castle Street	68	1	1	7	7	23·5
St. Peter's	145	2	8	12	17	26·8
Pitt Street	252	6	7	31	26	27·7
Great George	363	8	15	30	30	22·8
Rodney Street	426	14	19	47	23	24·1
Abercromby	519	22	23	62	28	26·0
Liverpool Workhouse Hospital	1338	51	45	50	72	16·2
Royal Infirmary	208	2	4	1	..	3·3
Children's Infirmary	30	..	..	..	2	6·6
Lying-in Hospital	11	..	1	..	..	9·0
North Hospital	159	..	6	..	..	3·7
Stanley Hospital	6	1	..	..	..	16·6
Everton Hospital	30	4	4	8	14	100·0
Royal South Hospital	140	2	1	2	4	6·4
West Derby Union Hospital	320	18	28	19	34	30·9
Everton and Kirkdale	3850	151	186	551	380	32·9
West Derby	1347	52	103	155	90	29·6
North Toxteth	1143	37	65	137	123	31·6
South Toxteth	1204	43	93	151	125	34·2
Parish	8296	285	361	874	692	26·6
Out-Townships	8040	308	480	1023	770	32·1
Borough	16336	593	841	1897	1462	29·3

TYPHUS AND INFANTILE REMITTENT FEVER.

These diseases accounted within the Borough of Liverpool for 449 deaths, or for 249 in the Parish, and 200 in the Out-townships. The rate of their mortality was equal to 0·8 per 1,000 per annum of the estimated population. Their percentage rate relatively to deaths from all causes was 1·7 during the first, 2·5 during the second, 2·7 during the third, and 3·6 during the fourth quarter of the year. Their annual rate relatively to deaths from all causes was 2·7 per cent., and relatively to deaths from zymotic causes 9·3 per cent. Their deaths included 223 males and 221 females ; 135 persons below the age of 15, 118 between the ages of 15 and 30, and 196 above the age of 30.

Every form of continued fever is included under the generic term of typhus; but the registers of deaths attribute 5 cases to gastric fever, 131 to typhoid fever, 28 to enteric fever, 3 to continued fever, and 172 to typhus. Under the term of fever there were registered 73 deaths, under that of febris 18 deaths, and under that of febricula 3 deaths. The deaths registered under the term of infantile remittent amounted to 16.

The following tables are in themselves sufficiently explanatory. The first compares the averages of deaths from typhus during the preceding ten years with those during 1874; the second table shows the districts of the town and the periods of the year in which all forms of continued fever were most fatally prevalent; the third marks in streets the habitats of the disease; and the remaining tables the occupations and positions of its victims.

WARDS.	Exact Average of Fever Deaths for Pre- ceding Ten Years.	Deaths from Fever during the Year 1874.
Scotland	130	56
Vauxhall	39	6
St. Paul's	20	7
Exchange	18	5
St. Anne's	41	20
Lime Street	14	5
Castle Street	3	..
St. Peter's	6	4
Pitt Street.....	10	11
Great George.....	23	7
Rodney Street	17	5
Abercromby	20	14
Everton and Kirkdale.....	118	84
West Derby	39	20
North Toxteth	49	25
South Toxteth	66	35
Hospital Deaths	384	145
Total.....	997	449

In the above table the averages have been calculated without making allowance for increase of population.

DEATHS FROM TYPHUS AND INFANTILE
REMITTENT FEVER.

WARDS.			QUARTERS.								YEAR.		
			March.		June.		Sept.		Dec.				
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL
Scotland	{	Below 5 years ..	..	2	..	4	2	1	5	5	7	12	19
		Above 5 years ..	3	1	4	4	6	7	3	9	16	21	37
Vauxhall	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
		Above 5 years ..	4	1	..	..	..	..	1	..	5	1	6
St. Paul's	{	Below 5 years ..	..	..	..	..	..	..	..	1	..	1	1
		Above 5 years ..	1	..	..	1	2	1	..	1	3	3	6
Exchange	{	Below 5 years ..	..	..	..	2	..	..	..	..	..	2	2
		Above 5 years ..	..	..	..	1	..	..	1	1	1	2	3
St. Anne's	{	Below 5 years ..	..	..	..	..	..	..	..	2	..	2	2
		Above 5 years ..	..	..	..	3	4	..	5	6	9	9	18
Lime Street	{	Below 5 years ..	..	1	..	..	..	..	1	..	1	1	2
		Above 5 years ..	..	..	..	1	1	..	1	..	2	1	3
Castle Street	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
		Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	{	Below 5 years ..	..	..	..	2	..	..	..	..	..	2	2
		Above 5 years ..	..	..	..	..	..	..	1	1	1	1	2
Pitt Street	{	Below 5 years ..	..	..	..	..	..	..	..	1	..	1	1
		Above 5 years ..	1	..	..	..	3	..	1	5	5	5	10
Great George	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
		Above 5 years ..	..	1	..	..	1	1	3	1	4	3	7
Rodney Street.....	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
		Above 5 years ..	1	..	..	1	2	1	..	..	3	2	5
Abercromby.....	{	Below 5 years ..	1	..	..	..	2	..	..	..	3	..	3
		Above 5 years ..	1	..	2	1	..	5	2	..	5	6	11
Parish Workhouses and Hospitals	{	Below 5 years ..	..	1	..	..	1	1	..	2	1	4	5
		Above 5 years ..	10	5	14	10	13	13	19	20	56	48	104
Out-Township Workhouses and Hospitals.	{	Below 5 years ..	..	..	1	..	..	..	..	..	1	..	1
		Above 5 years ..	2	2	4	2	6	9	6	4	18	17	35
Everton and Kirkdale	{	Below 5 years ..	3	3	..	2	..	4	2	3	5	12	17
		Above 5 years ..	7	2	7	3	14	6	17	11	45	22	67
West Derby.....	{	Below 5 years ..	2	..	..	..	..	..	1	1	3	1	4
		Above 5 years ..	1	..	..	2	3	1	4	5	8	8	16
North Toxteth	{	Below 5 years ..	..	..	..	2	..	..	..	2	..	4	4
		Above 5 years ..	2	1	3	1	..	2	3	9	8	13	21
South Toxteth.....	{	Below 5 years ..	..	..	1	1	2	1	..	..	3	2	5
		Above 5 years ..	..	3	5	5	2	3	8	4	15	15	30
Parish	{	Below 5 years ..	1	4	..	8	5	2	6	11	12	25	37
		Above 5 years ..	21	8	20	22	32	28	37	44	110	102	212
Out-Townships	{	Below 5 years ..	5	3	2	5	2	5	3	6	12	19	31
		Above 5 years ..	12	8	19	13	25	21	38	33	94	75	169
Borough	{	Below 5 years ..	6	7	2	13	7	7	9	17	24	44	68
		Above 5 years ..	33	16	39	35	57	49	75	77	204	177	381

List of Streets in the Borough wherein Three or more Deaths from Typhus and Infantile Fever occurred in 1874.

STREETS IN THE PARISH.	HOUSES.		Total.	STREETS IN THE OUT-TOWNSHIPS.	HOUSES.		Total.
	Front.	Court.			Front.	Court.	
Athol	3	..	3	Fenton	4	..	4
Back Portland.....	3	..	3	Gore	1	2	3
Carlton	1	5	6	Henderson	1	4	5
Christian	5	..	5	Hyslop .....	..	3	3
Cookson .....	..	3	3	Mann.....	8	6	14
Duckinfield].....	2	3	5	Park	3	..	3
Eldon .....	..	3	3	Robertson.....	4	..	4
Gascoyne	2	2	4	Roscommon	1	2	3
Gerard	3	..	3	Selwyn	3	..	3
Gomer	3	..	3	Star	3	..	3
Great Richmond	2	1	3	Thomaston	4	..	4
Lace	4	..	4	Warwick	2	1	3
Lower Myrtle .....	..	3	3				
Mansfield	1	2	3				
Raymond.....	2	1	3				
Tatlock.....	3	1	4				
Thurlow	3	1	4				
Upper Pitt	3	..	3				

Occupations of Persons who (either themselves or members of their family) have died from Typhus and Infantile Fever in the Workhouses or Hospitals of the Borough, tabulated into Wards from whence they came, during the Year 1874.

LIVERPOOL WORKHOUSE.

OCCUPATIONS.	WARDS.												TOTAL.
	Scotland.	Vauxhall.	St. Paul's.	Exchange.	St. Anne's.	Lime Street.	St. Peter's.	Pitt Street.	Great George.	Rodney Street.	Abercromby.	Unknown.	
Labourers.....	19	3	3	4	12	1	1	2	3	..	2	4	54
Tradesmen	7	..	2	..	8	1	1	1	3	1	1	2	27
Servants .....	..	3	..	..	2	..	..	1	1	..	..	..	7
Seamen .....	..	2	..	..	1	..	..	4	2	1	..	1	11
Unknown.....	1	..	..	..	..	..	..	..	..	..	..	4	5
Males	17	4	2	4	11	2	1	2	4	1	2	7	57
Females	10	4	3	..	12	..	1	6	5	1	1	4	47
Total	27	8	5	4	23	2	2	8	9	2	3	11	104

ROYAL INFIRMARY.

One Male, a Labourer, residence unknown.

Two Females, Servants, residences unknown.

NORTHERN HOSPITAL.

One Male, a Seaman, residence unknown.

LYING-IN HOSPITAL.

One Female, Wife of a Seaman, residence unknown.

UNION WORKHOUSE.

OCCUPATIONS.	WARDS.			TOTAL.
	Everton and Kirkdale.	West Derby.	Unknown.	
Labourers	8	1	4	13
Tradesmen	2	1	2	5
Servants	4	1	..	5
Seamen	3	..	1	4
Unknown	1	..	..	1
Males	10	2	4	16
Females	8	1	3	12
Total	18	3	7	28

EVERTON HOSPITAL.

OCCUPATIONS.	WARDS.					TOTAL.
	Scotland.	Everton and Kirkdale.	North Toxteth.	South Toxteth.	Unknown.	
Tradesmen	1	1	1	..	1	4
Servants	1	1	..	1	..	3
Seamen	1	..	..	..	..	1
Males .....	..	1	1	..	1	3
Females	3	1	..	1	..	5
Total	3	2	1	1	1	8

Occupations of Persons who (either themselves or members of their family) have died from Typhus and Infantile Fever in the different Wards of the Borough during the Year 1874. (Not included in the foregoing Tables of Deaths in Workhouses and Hospitals.)

OCCUPATIONS.	WARDS.																TOTAL.
	Scotland.	Vauxhall	St Paul's.	Exchange.	St. Anne's.	Lime Street.	Castle Street.	St. Peter's.	Pitt Street.	Great George.	Rodney Street.	Abercromby.	Everton and Kirkdale.	West Derby.	North Toxteth.	South Toxteth.	
Labourers	24	6	3	5	9	1	..	..	6	4	1	2	24	3	10	18	116
Tradesmen	20	..	2	..	11	3	..	1	4	1	2	9	47	13	11	14	138
Servants.....	1	..	..	..	..	1	..	1	..	..	1	1	4	2	..	..	11
Seamen	9	..	2	..	..	..	..	2	1	1	..	..	5	..	2	3	25
Professions and Mercantile	1	..	..	..	..	..	..	..	..	1	1	2	4	2	1	..	12
Unknown	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2
Males	22	5	3	1	9	3	..	1	5	4	3	8	50	11	8	17	150
Females	34	1	4	4	11	2	..	3	6	3	2	6	34	9	17	18	154
Total	56	6	7	5	20	5	..	4	11	7	5	14	84	20	25	35	304

TOXTETH WORKHOUSE.

Not included in the Mortality of the Borough, being beyond the Municipal Boundaries.

OCCUPATIONS.	WARDS..			Total.
	North Toxteth.	South Toxteth.	Unknown.	
Labourers	2	18	2	22
Tradesmen	2	9	..	11
Seamen .....	..	2	..	2
Unknown	2	..	..	2
Males	2	14	1	17
Females	4	15	1	20
Total	6	29	2	37

SCARLATINA.

As far back as during the latter months of 1873, the returns of deaths began clearly to indicate the probable approach of an epidemic of Scarlatina, and it was in hopes of obtaining the co-operation of the Medical Profession to arrest it, that the Medical Officer was directed to address the following letter to the President of the Medical Institution.

MEDICAL OFFICER'S DEPARTMENT,
MUNICIPAL OFFICES,

Liverpool, Dec. 30th, 1873.

MY DEAR SIR,

It is by direction of the Health Committee that I write to request your co-operation, and through you as President of the Medical Institution, the co-operation of all our professional brethren in an united effort to render the system of disinfection which has been established by the Council of Liverpool more generally available in checking the progress of disease.

In 1865, the Council erected at great cost, apparatus for the disinfection by heat, of the bedding and clothing of the sick, on the principle and plan first suggested and advocated by Dr. Henry, of Manchester, in his well known papers published in the Philosophical Magazine in 1831. One of these apparatus, containing four chambers or stoves, is situated in Ford Street, at the north; and another, also containing four stoves, is in New Bird Street, at the south end of the town. The system has now been in practical work for nine years, during which time more than 330,000 pieces of infected clothing and bedding have been subjected to the influence of dry heat, with the most satisfactory results. It is, therefore, no longer to be regarded as merely experimental. It has successfully stood the test of severe epidemics of Typhus Fever, Cholera, Relapsing Fever, Scarlatina, and Small Pox, and there is no reason to doubt that the public will largely avail themselves of the use of these stoves under the pressure of any future visitation of serious and widespread epidemic disease. The Health Committee, however, regret to find that preventive measures are not used so generally as could be wished, on the approach or at the commencement of an epidemic; and that it is only when it has assumed such gravity and extended prevalence as to produce panic and alarm, that the public begin to realise the value of disinfection. It is then, however, too late to stem the current of contagion in so large and populous a borough as Liverpool; we may succeed in moderating its force, but can scarcely hope to arrest its progress. It is only, as you are aware, when disease is sporadic that isolation will much avail, and it is only while cases are few and scattered that disinfection will be successfully prophylactic. If, therefore, we would stamp out the germs of contagion, we must precede in our work the apprehensions of the public, and not wait for that help which is derived from the panic of fear; in other words, we must adopt the preventive measure of disinfection at the beginning, and not only in the middle or height of an epidemic. It is to enable this to be done, with some hope of success, that the Health Committee solicit the co-operation of the Medical Profession, and I shall esteem it a favour if you, or the members of the Medical Society, could suggest, for the consideration of the Health Committee, any means by which this co-operation could be obtained with the least possible trouble to the Medical Profession.

I may mention, that on receipt of any notice of the existence of contagious disease forwarded to my office, either by post-card or otherwise, an inspector is directed to visit the house, and remove to the disinfecting apparatus all the clothes, bedding, &c., which have been within the reach of infection. The articles

so removed are subjected for eight hours to a temperature of 212 Fhrt., and are then returned in another van. In the meantime, and while the articles are at the disinfecting apparatus, the rooms which the patient occupied are fumigated with sulphurous gas. No charge is made for anything done by the servants of the Health Committee, and no expense is incurred by the patients or their friends in respect of carrying out the processes required for the disinfection; on the contrary, if any articles, as will sometimes, though very occasionally happen, are scorched or injured by the heat of the stoves, the value of such articles is repaid by the Health Committee.

I will illustrate the desirableness of disinfection in all cases of contagious sickness, by the history of Scarlatina during the last year. There were, during the first quarter, twenty-two deaths from that disease, during the second quarter fifteen deaths, and during the third quarter, thirty-three deaths. There is thus every reason to believe that by rigid isolation, and by those other hygienic precautions which, as a rule, are recommended and adopted by physicians, aided by the disinfection of the bed and the clothing of the sick, the disinfection of the clothing of members of the family who had been in attendance on the sick, and by the disinfection and cleansing of the rooms of houses where sickness had prevailed, the progress of the disease might to a great degree have been arrested. That this was not successfully done is the more to be regretted, because during the present, or fourth quarter of the year, the deaths from Scarlatina have increased to 135, and we are, in all human probability, in the face of a severe epidemic. You know what a large amount of absolute sickness from the disease is represented by this great mortality. But though the sickness from Scarlatina has been great, there has been no proportionate amount of disinfection required or practised by the public. Apart from the cases which terminated fatally, the knowledge of which only reached the Sanitary Office by the weekly returns of the Registrars of Deaths, there were only thirty-four notices of the existence of Scarlatina received during the thirteen weeks of this quarter. An amount of applications for disinfection, so disproportionate to the amount of prevailing sickness, has induced the Health Committee to direct me to make this appeal through you, for the future co-operation of the Medical Profession.

I remain, dear Sir,

Yours, very faithfully,

W. TRENCH.

Dr. CAMERON,

President of the Medical Institution.

How fruitless was all our 'endeavours to stamp out the disease by precautionary measures, and how steady was the progress of the epidemic in spite of all our efforts will only too clearly appear by the quarterly returns of deaths, being respectively 137, 245, 700, and 829.

Scarlatina accounted during the year for 1911 deaths, or for 983 in the Parish, and 928 in the Out-townships. The rate of its mortality was equal to 3·7 per 1,000 per annum of the estimated population. Its rate relatively to

deaths from all causes was 3·8 per cent. in the first quarter, 6·9 in the second, 15·9 in the third, and 17·1 in the fourth quarter of the year; its annual rate relatively to all deaths was 11·6 per cent., and relatively to deaths from zymotic causes 39·8 per cent.

The first of the following tables gives a statistical history of the mortality of Scarlatina during the year 1874, the second is a record of the streets of the Borough wherein 3 or more deaths occurred from that disease.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	{ Below 5 years ..	8	14	9	12	33	32	77	51	127	109	236
	{ Above 5 years ..	1	4	4	2	8	9	14	14	27	29	56
Vauxhall	{ Below 5 years ..	2	1	1	..	9	9	14	16	26	26	52
	{ Above 5 years ..	..	..	1	..	1	..	6	3	8	3	11
St. Paul's	{ Below 5 years ..	2	..	1	2	4	4	5	8	12	14	26
	{ Above 5 years ..	..	..	..	..	1	1	2	..	3	1	4
Exchange	{ Below 5 years ..	2	1	1	..	8	5	13	6	24	12	36
	{ Above 5 years ..	..	..	1	1	1	2	3	2	5	5	10
St. Anne's	{ Below 5 years ..	2	..	6	8	30	36	36	16	74	60	134
	{ Above 5 years ..	..	..	3	7	6	8	9	6	18	21	39
Lime Street	{ Below 5 years ..	3	3	3	10	9	6	6	2	21	21	42
	{ Above 5 years ..	2	..	..	3	2	1	2	1	6	5	11
Castle Street	{ Below 5 years ..	..	..	..	..	2	1	2	2	4	3	7
	{ Above 5 years ..	..	..	..	..	..	..	1	1	1	1	2
St. Peter's	{ Below 5 years ..	..	..	..	1	2	4	3	5	5	10	15
	{ Above 5 years ..	..	..	..	..	..	2	..	..	..	2	2
Pitt Street	{ Below 5 years ..	..	..	..	2	2	1	7	2	9	5	14
	{ Above 5 years ..	..	..	1	1	2	2	..	3	3	6	9
Great George	{ Below 5 years ..	1	2	2	2	3	4	10	5	16	13	29
	{ Above 5 years ..	..	..	..	2	2	1	1	1	3	4	7
Rodney Street.....	{ Below 5 years ..	..	3	3	1	6	5	5	5	14	14	28
	{ Above 5 years ..	1	..	..	1	..	2	..	2	1	5	6
Abercromby.....	{ Below 5 years ..	2	3	1	2	10	7	8	4	21	16	37
	{ Above 5 years ..	1	6	..	1	3	2	2	3	6	12	18
Parish Workhouses and Hospitals	{ Below 5 years ..	1	1	1	..	3	2	2	1	7	4	11
	{ Above 5 years ..	1	..	..	1	2	1	4	2	7	4	11
Out-Townships Workhouses and Hospitals.	{ Below 5 years ..	5	2	2	2	1	..	1	3	9	7	16
	{ Above 5 years ..	4	2	2	..	3	2	7	4	16	8	24
Everton and Kirkdale.	{ Below 5 years ..	13	8	27	26	98	85	89	87	227	206	433
	{ Above 5 years ..	2	3	6	14	39	47	31	32	78	96	174
West Derby.....	{ Below 5 years ..	4	6	13	14	12	13	19	8	48	41	89
	{ Above 5 years ..	..	..	6	6	10	6	4	8	20	20	40
North Toxteth	{ Below 5 years ..	8	6	10	3	10	15	26	26	54	50	104
	{ Above 5 years ..	3	..	4	3	7	10	16	10	30	23	53
South Toxteth.....	{ Below 5 years ..	1	1	3	4	9	25	24	27	37	57	94
	{ Above 5 years ..	1	1	1	2	8	4	6	8	16	15	31
Parish	{ Below 5 years ..	23	28	28	40	121	116	188	123	360	307	667
	{ Above 5 years ..	6	10	10	19	28	31	44	38	88	98	186
Out-Townships	{ Below 5 years ..	31	23	55	49	130	138	159	151	375	361	736
	{ Above 5 years ..	10	6	19	25	67	69	64	62	160	162	322
Borough	{ Below 5 years ..	54	51	83	89	251	254	347	274	735	668	1403
	{ Above 5 years ..	16	16	29	44	95	100	108	100	248	260	508

List of Streets in the Borough wherein Three or more Deaths from Scarlatina occurred in 1874.

STREETS IN THE PARISH.	HOUSES.		Total.	STREETS IN THE PARISH.	HOUSES.		Total.
	Front.	Court.			Front.	Court.	
Addison	4	4	8	Hopwood	2	3	5
Adlington .....	..	3	3	Hornby	2	9	11
Ascot	3	..	3	Hunter	1	5	6
Ashfield	8	..	8	Johnson	2	2	4
Athol	12	..	12	Kew	1	4	5
Back Portland	2	1	3	Kitchen	2	3	5
Bakehouse Lane	3	..	3	Knight .....	..	3	3
Baptist	5	..	5	Lace	3	2	5
Benledi	3	..	3	Lambert	1	3	4
Bidder	6	..	6	Latimer	4	1	5
Birchfield	12	..	12	Lawrence	3	..	3
Birkett	6	1	7	Leander	5	..	5
Blandford	6	6	12	Leeds	2	2	4
Blenheim	3	2	5	Limekiln Lane	6	3	9
Bostock	4	..	4	Lionel	4	2	6
Brick	1	3	4	Maddox	1	2	3
Brown	2	1	3	Marlborough	2	1	3
Brownlow	1	2	3	Marybone	3	..	3
Brownlow Hill	3	..	3	Menai	4	..	4
Burlington	4	5	9	Milford	4	..	4
Canterbury	3	..	3	Nash Grove	3	..	3
Carruthers	4	..	4	Naylor	1	2	3
Chapel Walks	4	..	4	Newsham	3	4	7
Charters	1	2	3	Oriel .....	..	4	4
Chatham	3	..	3	Orry	3	..	3
Cheapside	2	1	3	Paul	2	2	4
Christian	5	5	10	Peach	7	..	7
Circus	6	2	8	Pembroke Place	2	1	3
Clare	3	3	6	Pitt	3	..	3
Clay .....	..	3	3	Primrose Hill	2	1	3
Clement	2	1	3	Prince's Walk	1	2	3
Collingwood	2	5	7	Portland	4	..	4
Comus .....	..	5	5	Queen Anne	5	2	7
Cotton	1	2	3	Rachel	1	3	4
Cranmer	3	..	3	Rathbone	2	4	6
Craven	3	2	5	Raymond	2	1	3
Crown	3	..	3	Richmond Row	2	2	4
Devon	3	..	3	Roscoe Lane	1	2	3
Doncaster	4	..	4	Rose Hill	2	1	3
Downe	3	..	3	Rose Place	2	4	6
Drinkwater Gardens	5	..	5	St. Anne	4	2	6
Dryden	2	5	7	Scotland Road	4	2	6
Duckinfield	2	3	5	Shadwell	3	..	3
Duke	4	..	4	Sim	4	..	4
Eldon Place	3	..	3	Skirving	9	..	9
Falkner	4	..	4	Slade .....	..	6	6
Fontenoy	4	..	4	Snowdon	4	..	4
Ford	2	1	3	Sparling	1	3	4
Ford's Buildings	1	2	3	Stockdale .....	..	3	3
Gascoyne	1	5	6	Tatlock	7	3	10
Gay	2	1	3	Tessara Place	3	..	3
Gerard	12	..	12	Torbock	3	1	4
Gildart	5	2	7	Travers	5	..	5
Gildart's Gardens	1	3	4	Trueman	4	1	5
Gomer	2	1	3	Upper Frederick	6	1	7
Great Crosshall	7	..	7	Vauxhall Road	4	3	7
Great Howard	4	..	4	Vernon	5	..	5
Great Richmond	2	4	6	Vine	5	..	5
Grosvenor .....	..	3	3	Virgil	2	1	3
Hankin	8	1	9	Watkinson	1	4	5
Henry Edward	4	..	4	Westmoreland Place ..	3	..	3
Highfield	5	..	5	Woodstock	2	1	3
Hook	3	..	3	Wright .....	..	3	3

List of Streets in the Borough wherein Three or more Deaths from Scarlatina occurred in 1874.—(Continued.)

STREETS IN THE OUT-TOWNSHIPS.	HOUSES.		Total.	STREETS IN THE OUT-TOWNSHIPS.	HOUSES.		Total.
	Front.	Court.			Front.	Court.	
Abram	3	..	3	Kirby	5	..	5
Alma	7	3	10	Lamport	4	..	4
Amos	3	..	3	Leadenhall	4	..	4
Anthony	3	..	3	Letitia	3	..	3
Arkwright	17	6	23	Liffey	3	..	3
Aspinall	3	..	3	Lissant	3	..	3
Aubrey	3	..	3	Low Hill	3	..	3
Avison	4	..	4	Low Wood	4	1	5
Back Grafton .....	..	4	4	Luke	4	..	4
Back Salisbury	8	..	8	Luton	5	..	5
Barlow	2	2	4	Lyell	5	..	5
Barter	4	..	4	Mann	7	8	15
Beacon Lane	4	..	4	Marwood	3	..	3
Beatrice	6	..	6	Mere Lane	3	..	3
Beaufort	4	1	5	Miles	4	..	4
Beresford .....	..	3	3	Mill	5	2	7
Bevin Lane .....	..	3	3	Mount Vernon View ..	1	2	3
Brassey	1	2	3	Morland	3	..	3
Brindley	1	5	6	Netherfield Road North.	10	..	10
Buckingham	13	..	13	Northumberland	2	2	4
Burleigh Road South ..	3	..	3	Opie	7	..	7
China	3	..	3	Park	7	..	7
Cicero Terrace	3	..	3	Park Road	3	..	3
Clegg	1	2	3	Parron	3	..	3
Clevedon	3	..	3	Penrith	3	..	3
Clive	5	3	8	Phythian	3	..	3
Copeland	3	..	3	Prince Edwin	7	7	14
Cornwall	4	..	4	Prince Edwin Lane ..	2	2	4
Dorrington	3	..	3	Prince William	2	1	3
Dorrit	5	..	5	Priory Grove	5	..	5
Douro .....	..	3	3	Pugin	4	..	4
Eastwood	3	..	3	Queen's Road	5	..	5
Eden	5	..	5	Richmond Fair	3	..	3
Elias	10	..	10	Rishton	6	..	6
Elstow	4	..	4	Robsart	6	..	6
Erith	4	..	4	Rockingham	4	..	4
Everton Road	5	..	5	Rokeby	1	3	4
Everton Village	7	..	7	Roscommon	3	1	4
Fairy	3	..	3	Rothwell	2	1	3
Farnworth	3	..	3	Rutter	2	2	4
Flinders	4	..	4	Rydal	7	..	7
Frank	2	1	3	St. George's Hill	4	..	4
Gordon	11	..	11	Salisbury	7	10	17
Grafton	5	4	9	Sandheys	4	..	4
Great Homer	2	1	3	Selwyn	3	..	3
Gregson	4	..	4	Shepherd	3	..	3
Grey	3	..	3	Spurgeon	4	..	4
Haigh	6	..	6	Stanhope	3	..	3
Hampton .....	..	4	4	Stitt	9	1	10
Harlow	5	..	5	Stonewall ..	3	..	3
Hartnup	3	..	3	Swan	3	..	3
Hawkstone	3	..	3	Teulon	3	..	3
Heyworth ..	3	..	3	Thirlmere Road	3	..	3
Hibbert	4	..	4	Tintern	4	..	4
High Park	4	..	4	Towson	4	..	4
Houlgrave Street North.	6	..	6	Upper Beau	3	..	3
Howe	5	..	5	Westminster Road	4	..	4
Hunt	3	..	3	Whitefield Lane	6	..	6
Iliad	4	2	6	Winter	3	..	3
Jefferson	3	..	3	Wolfe	6	..	6
Jenkinson .....	..	6	6	Woodruff	3	..	3
Kepler	5	..	5				

MEASLES

Occasioned 444 deaths, of which 233 occurred in the Parish, and 211 in the Out-Townships. Its percentage death-rate relatively to deaths from all causes was 3·0 in the first quarter of the year, 3·8 in the second, 2·4 in the third, and 1·9 in the fourth; its annual percentage rate relatively to deaths from all causes was 2·7, and relatively to deaths from Zymotic causes, 9·2.

WARDS.			QUARTERS.								YEAR.		
			March.		June.		Sept.		Dec.				
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	{	Below 5 years ..	6	6	2	3	3	5	9	7	20	21	41
	{	Above 5 years ..	..	..	..	..	..	..	1	1	1	1	2
Vauxhall	{	Below 5 years ..	1	..	1	..	1	..	1	..	4	..	4
	{	Above 5 years ..	..	..	1	..	..	..	..	..	1	..	1
St. Paul's	{	Below 5 years ..	..	..	1	..	5	5	..	1	6	6	12
	{	Above 5 years ..	..	..	..	1	..	..	..	..	..	1	1
Exchange	{	Below 5 years ..	..	..	2	1	3	..	2	..	7	1	8
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	{	Below 5 years ..	2	1	3	2	5	3	..	2	10	8	18
	{	Above 5 years ..	..	1	..	1	..	..	..	..	..	2	2
Lime Street	{	Below 5 years ..	2	2	1	3	..	..	..	1	3	6	9
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Castle Street	{	Below 5 years ..	..	1	..	..	..	1	..	..	..	2	2
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	{	Below 5 years ..	..	..	..	..	..	1	3	2	3	3	6
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	{	Below 5 years ..	..	..	2	..	1	4	3	3	6	7	13
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Great George	{	Below 5 years ..	..	..	..	..	1	1	4	1	5	2	7
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Rodney Street.....	{	Below 5 years ..	1	..	2	1	4	1	1	2	8	4	12
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Abercromby	{	Below 5 years ..	..	1	1	2	2	1	1	1	4	5	9
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Parish Workhouses and Hospitals	{	Below 5 years ..	9	8	1	..	..	2	..	2	10	12	22
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Out-Township Work-houses and Hospitals.	{	Below 5 years ..	..	..	8	5	..	1	5	6	13	12	25
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Everton and Kirkdale.	{	Below 5 years ..	13	21	13	6	6	7	6	5	38	39	77
	{	Above 5 years ..	2	1	..	..	..	..	1	..	3	1	4
West Derby.....	{	Below 5 years ..	11	2	11	11	8	9	5	3	35	25	60
	{	Above 5 years ..	..	..	..	..	1	..	..	..	1	..	1
North Toxteth	{	Below 5 years ..	2	1	10	7	7	7	1	1	20	16	36
	{	Above 5 years ..	..	..	..	..	..	..	1	..	1	..	1
South Toxteth	{	Below 5 years ..	9	6	14	19	7	4	3	7	33	36	69
	{	Above 5 years ..	..	..	..	..	..	..	1	1	1	1	2
Parish	{	Below 5 years ..	21	19	16	12	25	24	24	22	86	77	163
	{	Above 5 years ..	..	1	1	2	..	..	1	1	2	4	6
Out-Townships	{	Below 5 years ..	35	30	56	48	28	28	20	22	139	128	267
	{	Above 5 years ..	2	1	..	..	1	..	3	1	6	2	8
Borough	{	Below 5 years ..	56	49	72	60	53	52	44	44	225	205	430
	{	Above 5 years ..	2	2	1	2	1	..	4	2	8	6	14

DIARRHŒA

Accounted for 879 deaths, or for 434 in the Parish, and 445 in the Out-Townships. Its percentage death-rate relatively to deaths from all causes was 1.1 in the first quarter of the year, 2.0 in the second, 15.5 in the third, and 1.6 in the fourth quarter of the year. Its annual percentage death-rate relatively to deaths from all causes was 5.3, and relatively to deaths from Zymotic causes 18.3.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	{ Below 5 years ..	..	4	7	7	64	70	5	10	76	91	167
	{ Above 5 years ..	..	..	1	..	7	6	..	2	8	8	16
Vauxhall	{ Below 5 years ..	1	..	2	..	17	15	1	1	21	16	37
	{ Above 5 years ..	..	..	..	..	3	2	..	1	3	3	6
St. Paul's	{ Below 5 years ..	1	..	..	..	4	14	..	..	5	14	19
	{ Above 5 years ..	..	..	..	1	..	1	..	..	..	2	2
Exchange	{ Below 5 years ..	2	..	..	1	6	6	2	1	10	8	18
	{ Above 5 years ..	..	..	..	..	..	..	1	..	1	..	1
St. Anne's	{ Below 5 years ..	..	1	3	4	15	14	3	2	21	21	42
	{ Above 5 years ..	..	..	..	..	..	1	..	..	..	1	1
Lime Street	{ Below 5 years ..	1	..	1	..	9	1	..	1	11	2	13
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Castle Street	{ Below 5 years ..	..	..	1	..	1	1	..	..	2	1	3
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	{ Below 5 years ..	..	1	..	..	1	2	..	..	1	3	4
	{ Above 5 years ..	..	..	..	1	..	..	..	..	..	1	1
Pitt Street	{ Below 5 years ..	..	..	1	..	7	8	..	1	8	9	17
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Gt. George	{ Below 5 years ..	1	1	..	1	7	5	1	..	9	7	16
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	{ Below 5 years ..	..	1	5	..	7	8	2	..	14	9	23
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Abercromby	{ Below 5 years ..	..	..	..	..	8	7	1	..	9	7	16
	{ Above 5 years ..	..	1	..	..	2	..	..	..	2	1	3
Parish Workhouse and Hospitals	{ Below 5 years ..	3	2	..	1	..	2	..	..	3	5	8
	{ Above 5 years ..	1	4	2	2	3	3	2	4	8	13	21
Out-Townships Workhouse and Hospitals ..	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	1	..	1	1
Everton and Kirkdale ..	{ Below 5 years ..	2	3	5	6	103	70	11	6	121	85	206
	{ Above 5 years ..	..	..	..	..	4	5	1	2	5	7	12
West Derby	{ Below 5 years ..	1	2	5	2	40	31	4	5	50	40	90
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
North Toxteth	{ Below 5 years ..	1	2	3	2	16	23	3	..	23	27	50
	{ Above 5 years ..	1	..	..	..	2	2	1	1	4	3	7
South Toxteth	{ Below 5 years ..	2	1	5	1	24	34	4	2	35	38	73
	{ Above 5 years ..	2	..	..	1	1	2	..	..	3	3	6
Parish	{ Below 5 years ..	9	10	20	14	146	153	15	16	190	193	383
	{ Above 5 years ..	1	5	3	4	15	13	3	7	22	29	51
Out-Townships	{ Below 5 years ..	6	8	18	11	183	158	22	13	229	190	419
	{ Above 5 years ..	3	..	..	1	7	9	2	4	12	14	26
Borough	{ Below 5 years ..	15	18	38	25	329	311	37	29	419	383	802
	{ Above 5 years ..	4	5	3	5	22	22	5	11	34	43	77

DIARRHOEA IN DATES OF DEATH, 1874.

DATE. June.	No. of Deaths.	Mean Reading of Barometer.	Mean Tempe- rature.	RAIN.		WIND.	
				Amount in inches.	Hours.	Mean Daily Velocity in Miles.	DIRECTION.
1	..	29·988	63·4	..	..	401	S & SW
2	1	29·953	59·7	..	..	271	S & SE
3	1	30·160	57·1	..	..	146	NW
4	..	30·389	62·4	..	..	192	S & W
5	1	30·295	56·8	0·050	2·4	132	SW & NW
6	..	30·185	54·1	..	..	310	W & NW
7	1	30·230	56·5	..	..	216	NW
8	..	30·252	58·4	..	..	178	NW & S
9	..	30·149	60·5	0·035	0·5	362	W
10	1	30·181	54·8	..	..	574	W
11	..	30·160	54·6	..	..	614	W & SW
12	1	30·411	51·3	..	..	295	NW
13	1	30·450	55·2	..	..	276	NE
14	..	30·497	54·0	..	..	329	NE & E
15	..	30·591	55·8	..	..	269	NE
16	..	30·411	58·6	..	..	355	NE
17	3	30·268	58·2	..	..	396	NE
18	1	30·317	56·4	..	..	211	NE & E
19	..	30·263	57·6	..	..	362	W
20	5	30·184	55·5	..	..	295	NE
21	..	30·009	59·7	0·010	0·5	235	SE
22	2	29·942	59·5	..	..	163	W & NW
23	2	29·861	56·9	0·103	1·8	322	S
24	..	29·735	56·4	0·078	3·2	221	S
25	..	29·730	56·6	0·017	0·9	312	W
26	1	29·670	58·8	..	..	226	NW
27	1	29·665	56·1	..	..	331	W & NW
28	..	29·773	58·5	..	..	221	W & NW
29	2	29·870	58·9	0·008	0·2	173	W & NW
30	2	29·870	60·9	0·160	3·5	353	SW

DIARRHOEA IN DATES OF DEATH, 1874.

DATE. July.	No. of Deaths.	Mean Reading of Barometer.	Mean Tempe- rature.	RAIN.		Mean Daily Velocity in Miles.	WIND. DIRECTION.
				Amount in inches.	Hours.		
1	4	29.863	61.2	0.078	3.2	362	S & SW
2	1	29.748	66.5	0.143	2.1	458	SSE & S
3	..	29.785	61.1	0.040	1.7	634	S & SW
4	2	29.907	59.1	..	..	655	SW
5	5	30.136	57.7	..	..	598	W
6	2	30.266	58.4	..	..	194	W & NW
7	3	30.116	64.4	..	..	182	NW
8	1	30.070	65.4	..	..	204	SW & W
9	5	30.133	65.4	..	..	199	SW & NW
10	1	30.145	63.2	..	..	214	NW & N
11	2	30.068	58.3	..	..	374	W & NW
12	4	30.038	62.8	0.162	4.4	259	W & NW
13	4	30.060	66.5	0.648	6.4	161	SE
14	4	30.015	62.2	..	..	252	W
15	3	30.150	63.4	..	..	216	NW
16	9	30.182	67.2	..	..	264	E
17	6	30.198	70.8	..	..	214	SE
18	7	30.200	68.8	..	..	298	SE
19	11	30.068	68.9	0.010	0.8	312	SE & NW
20	10	29.916	62.1	0.519	2.2	322	W & NW
21	8	29.727	61.3	0.012	0.7	497	W
22	19	29.822	60.0	0.057	0.7	437	W
23	22	29.798	58.1	0.770	5.9	343	W
24	11	29.827	56.6	0.013	1.1	314	W
25	22	29.884	61.3	0.100	4.0	204	W & NW
26	16	29.642	60.5	..	..	427	SW & W
27	14	29.638	60.9	0.098	1.3	250	S & SW
28	14	29.589	61.0	0.030	0.6	202	SE & NW
29	17	29.725	60.8	..	..	334	W & NW
30	16	29.913	61.3	..	..	461	W
31	14	29.921	61.0	0.080	1.2	408	SW

DIARRHŒA IN DATES OF DEATH, 1874.

DATE. August.	No. of Deaths.	Mean Reading of Barometer.	Mean Tempe- rature.	RAIN.		WIND.	
				Amount in inches.	Hours.	Mean Daily Velocity in Miles.	DIRECTION.
1	13	29.865	63.4	..	..	451	W
2	6	29.687	60.8	0.008	0.2	703	SW & W
3	14	29.883	56.2	0.215	5.0	708	W
4	20	29.759	55.6	0.270	5.7	420	SW & NW
5	16	29.652	58.0	0.055	1.4	610	S & W
6	15	29.811	59.1	..	..	715	W
7	8	29.620	60.7	..	..	595	SW
8	12	29.581	58.1	0.138	1.5	662	SW & W
9	12	29.678	58.8	0.034	1.0	576	W
10	6	29.444	57.9	0.210	3.1	583	SW & W
11	9	29.539	55.3	0.013	2.8	1046	SW & W
12	9	29.610	56.4	0.123	5.9	636	SW & W
13	8	29.361	60.0	0.220	6.4	394	SE & S
14	8	29.415	56.6	..	..	764	W
15	5	29.865	56.4	0.177	5.3	624	SW & W
16	6	29.959	57.9	0.005	0.7	355	SW & W
17	8	30.138	58.1	0.150	1.8	468	SW & W
18	10	30.223	65.6	..	..	468	SW & W
19	8	30.358	64.7	..	..	151	W & NW
20	9	30.405	66.0	..	..	158	NW & N
21	17	30.479	60.6	..	..	271	E & SE
22	5	30.440	64.6	..	..	250	SE & NW
23	11	30.349	63.9	..	..	218	SE & Var
24	8	30.242	62.7	..	..	228	E & SE
25	5	30.081	59.7	..	..	126	SW & W
26	4	30.009	60.5	..	..	141	W
27	12	29.728	58.8	0.318	2.0	338	S
28	8	29.794	57.7	0.297	4.0	360	W
29	7	29.671	55.9	0.046	1.7	403	W
30	5	29.723	60.3	0.109	3.2	372	S & SW
31	7	29.628	62.3	0.375	4.2	425	SW

DIARRHŒA IN DATES OF DEATH, 1874.

DATE. Sept.	No. of Deaths.	Mean Reading of Barometer.	Mean Tempe- rature.	RAIN.		WIND.	
				Amount in inches.	Hours.	Mean Daily Velocity in Miles.	DIRECTION.
1	9	29.539	58.1	0.233	3.3	523	S & SW
2	8	29.713	57.5	0.118	1.6	478	S & SW
3	9	29.749	57.7	0.167	1.0	360	S & W
4	7	29.775	55.4	0.109	2.0	761	W
5	3	29.941	55.1	0.025	0.8	646	W
6	7	29.909	57.5	..	..	247	SE
7	5	29.937	56.7	0.073	2.1	139	W
8	7	29.845	56.0	0.210	3.6	264	S & W
9	10	29.437	53.6	0.028	0.9	420	S & W
10	2	29.425	54.6	0.005	0.4	744	SW & W
11	6	29.493	55.5	0.365	8.5	458	SW & W
12	4	29.685	56.0	0.245	1.8	612	W & NW
13	3	30.177	51.8	..	..	170	NW & N
14	6	30.245	57.7	..	..	374	S & SW
15	6	30.018	58.3	0.020	0.5	406	S & SW
16	2	30.005	53.6	..	..	180	N
17	6	29.906	53.9	0.075	0.6	377	W & Var
18	5	29.887	54.5	0.003	0.7	638	SW & W
19	3	29.925	58.3	..	..	379	S & SW
20	3	29.807	58.4	0.037	1.1	300	SE & S
21	4	29.578	56.5	0.160	4.0	336	E & SE
22	2	29.637	55.2	..	..	626	SE & S
23	3	29.948	57.6	..	..	278	SE
24	1	30.098	59.3	..	..	235	SW & W
25	5	30.153	62.4	..	..	319	SW
26	4	30.150	58.5	..	..	182	W
27	4	29.934	63.9	..	..	180	SE
28	3	29.648	59.0	0.108	0.8	394	SE & S
29	2	29.518	53.0	0.022	0.6	494	S & SW
30	..	29.704	52.8	0.405	5.5	262	SE & S

DIARRHŒA IN DATES OF DEATH, 1874.

DATE. October	No. of Deaths.	Mean Reading of Barometer.	Mean Tempe- rature.	RAIN.		WIND.	
				Amount in inches.	Hours.	Mean Daily Velocity in Miles.	DIRECTION.
1	..	29.524	50.7	0.290	4.1	271	N
2	4	29.178	48.4	0.258	2.3	746	SW & W
3	2	29.181	49.1	0.157	1.7	1162	W
4	3	29.405	48.7	0.079	0.7	862	W
5	1	29.863	48.1	0.005	0.2	590	W
6	2	29.556	53.0	0.530	5.4	552	S
7	3	29.308	49.4	0.217	5.9	547	SW & W
8	3	29.825	49.6	0.010	0.9	374	SE & W
9	1	29.753	51.9	0.008	0.2	430	S & SW
10	1	29.915	53.0	0.280	3.2	377	S & SW
11	2	30.013	54.7	..	..	475	SW
12	..	30.025	55.1	0.018	0.3	293	S
13	2	29.917	53.3	..	..	233	S
14	2	29.772	53.8	..	..	355	SE
15	1	29.351	55.1	0.158	2.8	403	SE
16	..	29.709	48.5	0.108	3.8	269	W
17	..	29.701	54.8	0.022	0.3	463	SE & SW
18	4	29.800	54.5	0.050	1.6	403	S
19	3	29.811	48.3	0.070	1.5	487	SW & W
20	..	30.060	50.7	0.024	1.7	516	SW
21	..	29.513	49.6	0.040	0.4	1268	SW & W
22	1	29.691	48.4	0.020	0.5	703	W
23	1	29.964	46.9	..	..	389	NW
24	3	29.975	52.8	0.104	1.2	343	S
25	2	29.803	54.3	0.400	5.7	444	SW & W
26	3	29.989	54.0	0.182	4.0	226	SE & S
27	..	29.967	55.0	0.092	2.4	187	SE & S
28	..	30.082	48.6	0.290	5.1	228	NE
29	..	30.117	48.6	0.040	1.3	242	NE
30	3	30.336	47.4	..	..	353	NE
31	2	30.343	47.9	..	..	314	NE

HOOPING COUGH

Occasioned 516 deaths, or 239 in the Parish, and 277 in the Out-Townships. Its percentage death-rate relatively to deaths from all causes was 3·1 in the first quarter of the year, 4·2 in the second, 3·2 in the third, and 2·2 in the fourth; its percentage rate relatively to deaths from all causes was 3·1, and relatively to deaths from Zymotic causes 10·7.

DEATHS FROM HOOPING COUGH.

WARDS.			QUARTERS.								YEAR.		
			March.		June.		Sept.		Dec.				
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total
Scotland	{	Below 5 years	11	19	12	9	17	19	12	20	52	67	119
	{	Above 5 years	..	..	..	..	..	..	1	1	1	1	2
Vauxhall	{	Below 5 years	..	1	3	3	1	1	..	..	4	5	9
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	{	Below 5 years	..	2	..	1	..	1	..	1	..	5	5
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Exchange	{	Below 5 years	..	1	1	2	1	2	1	1	3	6	9
	{	Above 5 years	1	..	..	..	..	..	..	..	1	..	1
St. Anne's	{	Below 5 years	5	2	1	3	1	3	..	2	7	10	17
	{	Above 5 years	1	1	..	..	..	..	..	..	1	1	2
Lime Street	{	Below 5 years	4	1	3	4	2	1	..	1	9	7	16
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Castle Street	{	Below 5 years	..	..	..	..	1	..	..	..	1	..	1
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	{	Below 5 years	..	1	..	3	..	..	..	1	..	5	5
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	{	Below 5 years	2	2	..	..	1	..	..	..	3	2	5
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Great George	{	Below 5 years	..	..	3	2	1	1	1	..	5	3	8
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	{	Below 5 years	..	5	..	3	4	2	1	1	5	11	16
	{	Above 5 years	1	..	..	..	..	..	..	..	1	..	1
Abercromby	{	Below 5 years	..	1	2	5	2	4	2	1	6	11	17
	{	Above 5 years	..	..	..	..	..	1	..	..	..	1	1
Parish Workhouses and Hospitals	{	Below 5 years	2	..	1	1	1	..	..	..	4	1	5
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Out-Township Workhouses and Hospitals.	{	Below 5 years	..	..	..	..	..	..	1	..	1	..	1
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Everton and Kirkdale.	{	Below 5 years	14	20	19	27	10	16	15	11	58	74	132
	{	Above 5 years	1	1	1	..	..	..	..	1	2	2	4
West Derby	{	Below 5 years	5	7	4	8	3	9	1	4	13	28	41
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
North Toxteth	{	Below 5 years	1	1	4	4	13	10	3	7	21	22	43
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
South Toxteth	{	Below 5 years	1	1	11	9	5	10	6	13	23	33	56
	{	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Parish	{	Below 5 years	24	35	26	36	32	34	17	28	99	133	232
	{	Above 5 years	3	1	..	..	..	1	1	1	4	3	7
Out-Townships	{	Below 5 years	21	29	38	48	31	45	26	35	116	157	273
	{	Above 5 years	1	1	1	..	..	..	..	1	2	2	4
Borough	{	Below 5 years	45	64	64	84	63	79	43	63	215	290	505
	{	Above 5 years	4	2	1	..	..	1	1	2	6	5	11

DEATHS FROM CROUP.

WARDS.			QUARTERS.								YEAR.		
			March.		June.		Sept.		Dec.				
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	{ Below 5 years ..		7	6	8	6	6	8	2	4	23	24	47
	{ Above 5 years ..		..	1	..	..	..	..	2	..	2	1	3
Vauxhall	{ Below 5 years ..		1	..	..	..	1	..	1	..	3	..	3
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
St. Paul's	{ Below 5 years ..		1	..	..	1	..	..	..	..	1	1	2
	{ Above 5 years ..		..	..	..	..	1	..	..	..	1	..	1
Exchange	{ Below 5 years ..		..	1	1	..	1	..	..	..	2	1	3
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
St. Anne's	{ Below 5 years ..		2	2	1	2	2	..	1	2	6	6	12
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
Lime Street	{ Below 5 years ..		..	..	..	1	..	..	..	2	..	3	3
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
Castle Street	{ Below 5 years ..		..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
St. Peter's	{ Below 5 years ..		..	..	..	1	..	..	..	..	..	1	1
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
Pitt Street	{ Below 5 years ..		..	1	..	..	..	..	..	..	..	1	1
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
Great George	{ Below 5 years ..		1	1	1	..	..	..	1	1	3	2	5
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
Rodney Street	{ Below 5 years ..		..	..	1	..	1	..	1	..	3	..	3
	{ Above 5 years ..		..	..	..	1	..	..	..	..	..	1	1
Abercromby	{ Below 5 years ..		..	..	1	2	..	..	1	..	2	2	4
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
Parish Workhouses and Hospitals	{ Below 5 years ..		..	..	..	..	..	..	1	..	1	..	1
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
Out-Township Workhouses and Hospitals ..	{ Below 5 years ..		..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
Everton and Kirkdale ..	{ Below 5 years ..		3	8	1	4	3	3	4	2	11	17	28
	{ Above 5 years ..		1	..	1	1	..	..	..	..	2	1	3
West Derby	{ Below 5 years ..		2	1	6	1	1	2	2	1	11	5	16
	{ Above 5 years ..		..	..	..	..	..	..	1	..	1	..	1
North Toxteth	{ Below 5 years ..		3	..	4	1	1	1	2	1	10	3	13
	{ Above 5 years ..		..	..	..	..	..	..	..	..	..	..	..
South Toxteth	{ Below 5 years ..		3	4	3	3	2	1	4	2	12	10	22
	{ Above 5 years ..		..	..	1	..	..	1	..	1	1	2	3
Parish	{ Below 5 years ..		12	11	13	13	11	8	8	9	44	41	85
	{ Above 5 years ..		..	1	..	1	1	..	2	..	3	2	5
Out-Townships	{ Below 5 years ..		11	13	14	9	7	7	12	6	44	35	79
	{ Above 5 years ..		1	..	2	1	..	1	1	1	4	3	7
Borough	{ Below 5 years ..		23	24	27	22	18	15	20	15	88	76	164
	{ Above 5 years ..		1	1	2	2	1	1	3	1	7	5	12

DEATHS FROM DIPHTHERIA.

WARDS.			QUARTERS.								YEAR.		
			March.		June.		Sept.		Dec.				
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	{	Below 5 years ..	1	2	..	2	..	..	1	..	2	4	6
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Vauxhall	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	{	Below 5 years ..	..	..	2	..	..	..	..	..	2	..	2
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Exchange	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Lime Street	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Castle Street	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Great George	{	Below 5 years ..	..	..	..	1	..	..	..	..	1	..	1
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	{	Below 5 years ..	1	..	..	..	..	..	..	1	..	..	1
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Abercromby	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{	Above 5 years ..	..	..	..	..	1	1	..	1	1	..	2
Parish Workhouses and Hospitals	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{	Above 5 years ..	..	..	..	..	..	..	1	..	1	..	1
Out-Township Workhouses and Hospitals	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Everton and Kirkdale..	{	Below 5 years ..	2	2	1	1	1	3	2	3	6	9	15
	{	Above 5 years ..	1	..	..	1	1	..	2	3	4	4	8
West Derby	{	Below 5 years ..	..	..	..	3	..	..	1	1	1	4	5
	{	Above 5 years ..	..	..	1	1	..	..	..	1	1	2	3
North Toxteth	{	Below 5 years ..	1	..	1	1	1	..	..	2	3	3	6
	{	Above 5 years ..	..	..	..	..	..	1	..	1	..	..	1
South Toxteth	{	Below 5 years ..	1	1	..	..	1	..	..	..	2	1	3
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Parish	{	Below 5 years ..	2	2	2	3	..	..	1	..	5	5	10
	{	Above 5 years ..	..	..	..	..	1	1	1	1	1	2	3
Out-Townships	{	Below 5 years ..	4	3	2	5	3	3	3	6	12	17	29
	{	Above 5 years ..	1	..	1	2	1	..	3	4	6	6	12
Borough	{	Below 5 years ..	6	5	4	8	3	3	4	6	17	22	39
	{	Above 5 years ..	1	..	1	2	1	1	4	5	7	8	15

SMALL POX.

The chief interest in connection with the history of this disease in Liverpool during the last year, was the arrival of a body of Emigrants who came from London on the 1st December and were about to proceed by the Steam Ship Illinois to America, when they were stopped in the river by order of the Emigration Commissioners, because some were found to be suffering from Small Pox. The number of Emigrants who came from London was 403; of these 328, viz: 174 adults, 107 children and 47 infants arrived in Birkenhead, and were taken on board the Steam Ship Illinois, and 75, viz: 47 adults, 20 children and 8 infants arrived in Liverpool, and were received, before we heard of the existence of the Small Pox, in a large Emigrant Lodging House, kept by Mrs. Hammerstein in Wood Street. No cases of sickness were observed until the people on board the Illinois were examined on the 2nd. December by the Surgeon of the Emigration Commissioners, when three children, Benjamin Yantz (with doubtful marks of vaccination), Helena Booker and Caroline Bookass (both having marks of vaccination) were found to be suffering from Small Pox. These patients with their friends or parents, viz: 3 adults and a baby 18 weeks old, were taken by my orders to the Small Pox Hospital in Netherfield Road. Neither of the three adults nor the baby, all of whom had been vaccinated, got the disease while in Hospital, although in immediate and constant communication with the sick. Application was then made to the Select Vestry to permit all the other Emigrant passengers (321) left on board the Illinois, to be removed to the Workhouse. This removal took place on 3rd. December. The Emigrants (75) at Mrs. Hammerstein's Lodging House were not removed, but the house was placed under the constant supervision of Inspectors. No case of Small Pox occurred at Hammerstein's, but the total cases of sickness of the Emigrants in the Workhouse, including those sent direct to Netherfield Road Hospital, were 17, of whom 4 died. The precautions taken were as follows:—the Philadelphia Steam Ship Company being owners of the Illinois, directed Drs. Spooner and Lewis to undertake the vaccination of all the Emigrants, except those who were pitted with Small Pox, or who had recent and well defined marks of vaccination or were above 60 years of age. These gentlemen vaccinated in all 200 persons, including all the children. In some of the children, as in the case of Benjamin Yantz, the vaccination had not taken. In others of the 17 who were attacked with the disease, the vaccination had been too recently attempted to be prophylactic.

The following Table is sufficiently explanatory of the deaths from this disease within the Borough.

DEATHS FROM SMALL-POX.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Vauxhall	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Exchange	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Lime Street	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Castle Street	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Great George	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Abercromby	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Parish Workhouses and Hospitals	{ Below 5 years ..	..	..	1	..	..	..	1	1	1	1	2
	{ Above 5 years ..	..	..	2	..	..	..	1	1	3	1	4
Out-Townships, Workhouses and Hospitals	{ Below 5 years ..	..	..	..	2	..	..	2	2	2	4	6
	{ Above 5 years ..	..	1	2	1	1	2	..	4	3	8	11
Everton and Kirkdale..	{ Below 5 years ..	..	..	1	..	..	..	..	1	..	..	1
	{ Above 5 years ..	..	1	..	..	..	..	1	..	2	..	2
West Derby	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	1	..	1	..	1
North Toxteth	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	1	1	1	1	2	..	3
South Toxteth	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Parish	{ Below 5 years ..	..	..	1	..	..	..	1	1	1	1	2
	{ Above 5 years ..	..	..	2	..	..	..	1	1	3	1	4
Out-Townships	{ Below 5 years ..	..	..	1	2	..	..	2	2	3	4	7
	{ Above 5 years ..	..	2	2	1	1	3	2	6	5	12	17
Borough	{ Below 5 years ..	..	..	2	2	..	..	2	3	4	5	9
	{ Above 5 years ..	..	2	4	1	1	3	3	7	8	13	21

OTHER ZYMOTICS.

Under the term of other Zymotics are included;—Chicken Pox, Cholera, Dysentery, Influenza, Erysipelas, Syphilis, Thrush, Puerperal Fever, Rheumatic Fever, Quinsy, Ague, Mumps, Purpura, and Hydrophobia.

DEATHS FROM OTHER ZYMOTICS.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	{ Below 5 years ..	1	2	5	3	6	4	4	6	16	15	31
	{ Above 5 years ..	1	2	1	5	..	4	..	3	2	14	16
Vauxhall	{ Below 5 years ..	1	..	..	..	1	1	..	..	2	1	3
	{ Above 5 years ..	1	2	..	..	..	..	..	..	1	2	3
St. Paul's	{ Below 5 years ..	..	..	..	1	1	1	1	..	2	2	4
	{ Above 5 years ..	..	..	..	..	..	1	..	..	..	1	1
Exchange	{ Below 5 years ..	..	..	1	2	1	..	..	..	2	2	4
	{ Above 5 years ..	..	..	..	..	1	1	..	..	1	1	2
St. Anne's	{ Below 5 years ..	2	..	1	3	2	2	1	1	6	6	12
	{ Above 5 years ..	1	..	..	..	1	2	2	2	4	4	8
Lime Street	{ Below 5 years ..	1	..	..	..	1	..	1	1	3	1	4
	{ Above 5 years ..	1	2	..	..	1	1	1	..	3	3	6
Castle Street	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	1	..	1	..	1
St. Peter's	{ Below 5 years ..	..	..	..	..	..	..	1	..	1	..	1
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Great George	{ Below 5 years ..	..	..	..	..	..	1	..	..	..	1	1
	{ Above 5 years ..	..	..	..	1	..	1	..	..	..	2	2
Rodney Street.....	{ Below 5 years ..	..	..	..	..	..	1	..	..	..	1	1
	{ Above 5 years ..	..	..	..	..	2	1	1	2	3	3	6
Abercromby.....	{ Below 5 years ..	1	1	..	1	1	2	1	..	3	4	7
	{ Above 5 years ..	..	3	1	1	1	1	..	..	2	5	7
Parish Workhouses and Hospitals	{ Below 5 years ..	2	..	2	2	..	..	1	2	5	4	9
	{ Above 5 years ..	1	2	13	2	4	..	5	3	23	7	30
Out-Township Workhouses and Hospitals	{ Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..	3	4	..	2	4	..	4	2	11	8	19
Everton and Kirkdale..	{ Below 5 years ..	3	7	2	5	9	3	6	5	20	20	40
	{ Above 5 years ..	..	4	3	3	4	10	10	11	17	28	45
West Derby.....	{ Below 5 years ..	3	1	4	3	3	1	3	3	13	8	21
	{ Above 5 years ..	2	2	..	2	..	2	2	2	4	8	12
North Toxteth.....	{ Below 5 years ..	1	1	1	1	2	1	1	1	5	4	9
	{ Above 5 years ..	2	..	..	..	4	2	2	1	8	3	11
South Toxteth.....	{ Below 5 years ..	3	1	1	1	1	1	1	..	6	3	9
	{ Above 5 years ..	1	..	..	2	..	3	..	3	1	8	9
Parish	{ Below 5 years ..	8	3	9	12	13	12	10	10	40	37	77
	{ Above 5 years ..	5	11	15	9	10	12	9	11	39	43	82
Out-Townships	{ Below 5 years ..	10	10	8	10	15	6	11	9	44	35	79
	{ Above 5 years ..	8	10	3	9	12	17	18	19	41	55	96
Borough	{ Below 5 years ..	18	13	17	22	28	18	21	19	84	72	156
	{ Above 5 years ..	13	21	18	18	22	29	27	30	80	98	178

TUBERCULAR DISEASES.

This group of diseases includes Phthisis, Scrofula, Tabes Mesenterica, and Hydrocephalus. They occasioned 1,917 deaths in the Borough of Liverpool during the year 1874, of which 960 occurred in the Parish, and 957 in the Out-Townships. The death-rate was 3·7 per 1,000 of the estimated population; their percentage death-rate relatively to deaths from all causes was 11·7.

DEATHS FROM PHTHISIS.

WARDS.			QUARTERS.								YEAR.		
			March.		June.		Sept.		Dec.				
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	{ Below 5 years ..		1	1	..	..	..	..	..	..	1	1	2
	{ Above 5 years ..		26	26	25	21	13	18	14	19	78	84	162
Vauxhall	{ Below 5 years ..		..	..	..	..	1	..	1	1	2	1	3
	{ Above 5 years ..		7	6	5	3	5	5	3	3	20	17	37
St. Paul's.....	{ Below 5 years ..		..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..		3	4	4	3	5	4	2	4	14	15	29
Exchange	{ Below 5 years ..		..	1	..	..	..	..	..	..	..	1	1
	{ Above 5 years ..		3	8	4	3	4	3	3	4	14	18	32
St. Anne's	{ Below 5 years ..		1	1	..	..	1	..	..	..	2	1	3
	{ Above 5 years ..		9	5	8	7	7	5	12	9	36	26	62
Lime Street	{ Below 5 years ..		..	..	..	2	..	1	..	..	..	3	3
	{ Above 5 years ..		4	1	1	4	1	2	5	4	11	11	22
Castle Street	{ Below 5 years ..		..	..	..	..	..	..	..	..	..	..	..
	{ Above 5 years ..		..	..	..	..	..	..	1	..	1	..	1
St. Peter's	{ Below 5 years ..		..	..	..	..	1	..	..	..	1	..	1
	{ Above 5 years ..		2	..	2	3	2	..	1	..	7	3	10
Pitt Street	{ Below 5 years ..		..	..	..	..	3	..	..	..	3	..	3
	{ Above 5 years ..		2	1	5	3	2	1	2	1	11	6	17
Great George	{ Below 5 years ..		1	..	..	1	..	..	..	1	1	2	3
	{ Above 5 years ..		3	5	1	2	2	3	4	8	10	18	28
Rodney Street.....	{ Below 5 years ..		..	..	..	..	..	1	..	..	..	1	1
	{ Above 5 years ..		3	6	2	5	8	6	3	2	16	19	35
Abercromby.....	{ Below 5 years ..		..	1	..	3	1	2	1	..	2	6	8
	{ Above 5 years ..		12	6	4	7	4	5	6	3	26	21	47
Parish Workhouses and Hospitals	{ Below 5 years ..		5	5	3	1	..	..	..	1	8	7	15
	{ Above 5 years ..		54	24	30	19	37	33	39	37	160	113	273
Out-Township Work-houses and Hospitals	{ Below 5 years ..		1	..	..	..	..	..	..	..	1	..	1
	{ Above 5 years ..		10	13	13	9	15	9	16	9	54	40	94
Everton and Kirkdale..	{ Below 5 years ..		2	2	1	2	1	4	5	2	9	10	19
	{ Above 5 years ..		54	34	32	46	48	33	38	39	172	152	324
West Derby.....	{ Below 5 years ..		2	..	..	3	1	..	..	1	3	4	7
	{ Above 5 years ..		15	12	14	20	12	18	18	18	59	68	127
North Toxteth.....	{ Below 5 years ..		1	..	..	1	2	..	1	1	4	2	6
	{ Above 5 years ..		8	14	9	8	9	9	5	10	31	41	72
South Toxteth.....	{ Below 5 years ..		2	1	1	..	1	2	..	1	4	4	8
	{ Above 5 years ..		6	9	11	8	5	7	12	18	34	42	76
Parish	{ Below 5 years ..		8	9	3	7	7	4	2	3	20	23	43
	{ Above 5 years ..		128	92	91	80	90	85	95	94	404	351	755
Out-Townships	{ Below 5 years ..		8	3	2	6	5	6	6	5	21	20	41
	{ Above 5 years ..		93	82	79	91	89	76	89	94	350	343	693
Borough	{ Below 5 years ..		16	12	5	13	12	10	8	8	41	43	84
	{ Above 5 years ..		221	174	170	171	179	161	184	188	754	694	1448

DEATHS FROM OTHER TUBERCULAR DISEASES.

WARDS.			QUARTERS.								YEAR.		
			March.		June.		Sept.		Dec.				
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	{	Below 5 years ..	10	3	6	7	7	12	7	2	30	24	54
	{	Above 5 years ..	2	..	..	..	..	2	..	4	..	4	
Vauxhall	{	Below 5 years ..	3	1	2	..	1	..	1	..	7	1	8
	{	Above 5 years ..	2	..	..	..	..	..	..	2	..	2	
St. Paul's	{	Below 5 years ..	1	1	..	1	1	2	1	1	3	5	8
	{	Above 5 years ..	1	..	..	..	..	..	1	1	1	1	2
Exchange	{	Below 5 years ..	1	1	..	..	1	..	1	..	3	1	4
	{	Above 5 years ..	..	..	2	..	..	..	..	2	..	2	
St. Anne's	{	Below 5 years ..	3	1	1	3	3	2	..	..	7	6	13
	{	Above 5 years ..	..	1	..	1	..	..	..	..	2	2	
Lime Street	{	Below 5 years ..	1	1	2	2	2	..	..	1	5	4	9
	{	Above 5 years ..	..	..	..	1	..	..	..	..	1	1	
Castle Street	{	Below 5 years ..	..	..	..	..	1	..	..	..	1	1	
	{	Above 5 years ..	..	..	..	..	..	..	..	..	..	..
St. Peter's	{	Below 5 years ..	1	..	..	..	1	..	..	..	2	..	2
	{	Above 5 years ..	..	..	..	..	1	..	..	1	..	1	
Pitt Street	{	Below 5 years ..	2	1	..	1	..	..	1	..	3	2	5
	{	Above 5 years ..	..	..	1	..	..	..	..	1	..	1	
Great George	{	Below 5 years ..	1	..	1	..	2	3	4	..	8	3	11
	{	Above 5 years ..	..	..	..	..	1	..	1	..	2	..	2
Rodney Street	{	Below 5 years ..	1	1	2	..	2	2	2	..	7	3	10
	{	Above 5 years ..	..	..	1	..	..	..	..	1	..	1	
Abercromby	{	Below 5 years ..	1	..	..	..	2	1	1	..	4	1	5
	{	Above 5 years ..	..	..	..	..	..	1	..	1	..	1	
Parish Workhouses and Hospitals	{	Below 5 years ..	..	..	..	..	..	1	1	1	1	2	3
	{	Above 5 years ..	2	..	2	1	4	..	1	..	9	1	10
Out-Township Workhouses and Hospitals	{	Below 5 years ..	..	..	..	..	..	..	..	..	..	..
	{	Above 5 years ..	1	..	..	..	..	..	..	1	..	1	
Everton and Kirkdale ..	{	Below 5 years ..	6	9	16	10	20	13	13	11	55	43	98
	{	Above 5 years ..	4	..	2	1	..	1	2	3	8	5	13
West Derby	{	Below 5 years ..	5	..	12	6	5	4	2	7	24	17	41
	{	Above 5 years ..	1	1	2	1	..	..	2	..	5	2	7
North Toxteth	{	Below 5 years ..	4	3	4	4	1	3	6	4	15	14	29
	{	Above 5 years ..	..	..	..	1	..	..	..	..	1	1	
South Toxteth	{	Below 5 years ..	5	3	6	5	2	5	3	..	16	13	29
	{	Above 5 years ..	1	..	2	..	..	..	1	..	4	..	4
Parish	{	Below 5 years ..	25	10	14	14	22	24	19	5	80	53	133
	{	Above 5 years ..	7	1	6	3	6	..	5	1	24	5	29
Out-Townships	{	Below 5 years ..	20	15	38	25	28	25	24	22	110	87	197
	{	Above 5 years ..	7	1	6	3	..	1	5	3	18	8	26
Borough	{	Below 5 years ..	45	25	52	39	50	49	43	27	190	140	330
	{	Above 5 years ..	14	2	12	6	6	1	10	4	42	13	55

I have received from Mr. Hartnup the following Meteorological Table for the year 1874 :—

LIVERPOOL OBSERVATORY.

DATE—1874.	Mean Barometer.	Mean Temperature.	Rainfall on Ground.
	Inches.	o	Inches.
January	29·961	43·1	2·260
February	29·957	39·3	1·216
March	30·141	45·1	1·552
April	29·825	50·3	0·859
May	29·988	50·6	1·730
June	30·115	57·4	0·461
July	29·953	62·5	2·760
August	29·870	59·8	2·763
September	29·726	56·6	2·408
October	29·789	51·1	3·452
November	29·911	43·5	3·525
December	29·784	34·3	2·421

The Select Vestry are kind enough to forward to my office a daily list of the cases of Fever attended by the Parochial Medical Officers, and a monthly list of the cases of all Zymotic diseases, of Tubercular diseases, and of sickness from other causes, which have occurred in the twelve districts of the Parish.

The daily list enables the Health Committee to take action for the purification of the houses, and I am able from the other to classify the districts and streets in which sickness has prevailed.

The following are the streets within the Parish of Liverpool in which three or more cases of Fever, or three or more of Scarlatina, have occurred during the year.

STREETS.	Zymotic Diseases, including Fever and Scarlatina.	Fever.	Scarlatina.	Tubercular Diseases, including Phthisis.	Phthisis.	Other Diseases.
Ascot	4	..	4	4	4	48
Aldersey	6	4	..	..	..	16
Addison	54	14	15	31	31	269
Adlington	6	3	..	14	14	128
Ainsworth	7	5	..	..	..	64
Back Portland	25	21	..	1	1	170
Back Mansfield	7	7	..	..	..	8
Blenheim	7	4	..	10	10	150
Bostock	10	6	4	7	7	66
Burlington	29	12	5	25	25	202
Beau	8	6	..	3	2	85
Ben Jonson	8	6	..	1	1	80
Birkett	7	4	..	9	8	73
Bay Horse Lane	6	..	5	..	..	32
Blandford	5	..	3	1	1	152
Bidder	3	3	..	..	..	12
Bond	6	4	..	3	3	88
Brownlow Hill (sheds included)	216	120	7	32	22	1245
Back Blake	13	..	7	5	4	41
Blake	33	3	6	7	6	158
Brown	9	5	..	2	2	59
Bailey	14	11	..	..	..	51
Carlton	15	15	..	8	8	116
Clay	6	5	..	..	..	11
Caradoc	8	8	..	..	..	..
Collingwood	15	3	7	..	..	152
Comus	6	..	3	3	2	88
Christian	31	28	..	5	1	63
Circus	7	6	..	2	2	86
Clayton	4	..	4	2	2	55
Charters	7	5	..	5	5	52
Chisenhale	18	5	3	6	6	134
Cavendish	18	15	..	..	..	105
Copperas Hill	11	4	3	6	6	85
Cookson	20	15	5	..	..	13
Carpenter's Row	5	5	..	2	2	14
Drinkwater's Gardens	8	..	6	4	4	6
Dryden	35	18	8	1	1	89
Denison	5	5	..	1	1	38
Duckinfield	103	58	17	19	11	317
Dover	4	4	..	2	2	17
Eldon	11	10	..	3	3	126
Edward	6	3	..	4	4	45
Ford	3	3	..	..	..	102
Frederick	4	4	..	3	3	39
Great Howard	3	3	..	..	..	17
Gay	4	3	..	..	..	43
Great Richmond	20	20	..	6	6	75
Gerard	13	5	5	2	2	121
Gomer	8	6	..	7	7	42
Gildart's Gardens	6	5	..	7	7	80
Gascoyne	24	22	..	6	3	165
Gildart	4	..	4	2	..	15
Grayson	4	3	..	6	6	56

STREETS.	Zymotic Diseases, including Fever and Scarlatina.	Fever.	Scarlatina.	Tuber- cular Diseases, including Phthisis.	Phthisis.	Other Diseases.
Greenland	6	5	..	3	3	65
Gilbert.....	12	8	..	1	1	95
Greetham	4	3	..	3	3	28
Hopwood.....	5	4	..	5	5	44
Hornby	9	3	3	7	7	433
Hunter.....	5	..	5	4	3	36
Henry Edward	16	6	..	27	27	153
Hodson	11	..	3	18	18	147
Hawke.....	3	3	..	7	7	73
Hurst	4	..	3	..	..	4
Jordan	3	3	..	1	1	91
Kew	19	7	4	11	11	155
Limekiln Lane	11	4	..	1	1	107
Lightbody	6	6	..	..	..	7
Lionel	4	..	4	..	..	11
Lower Myrtle.....	9	9	..	7	7	33
Leeds	6	3	..	4	..	59
Lace	32	19	..	19	19	132
Leander	15	..	11	3	3	55
Menai	4	4	..	8	8	5
Mansfield.....	8	7	..	2	2	82
Maddox	3	3	..	..	..	11
Marybone	5	3	..	2	2	32
Milton	15	3	5	20	12	128
Maiden's Green	10	10	..	..	..	13
Mount Pleasant	8	..	8	..	..	2
Newsham.....	8	..	6	..	..	141
Nursery	5	3	..	..	..	2
Naylor	5	3	..	7	7	97
Nicholas	4	4	..	..	..	10
Orry	7	..	6	..	..	6
Oakes	14	..	5	17	17	94
Portland	7	3	..	1	..	152
Paget	6	4	..	..	..	42
Paul	10	5	4	11	1	123
Plumbe	4	4	..	6	2	39
Portland Place	6	3	3	..	..	2
Peach	26	8	8	9	2	131
Queen Anne	10	6	..	3	3	59
Raymond.....	6	4	..	22	10	166
Rachel	10	..	3	..	..	40
Regent.....	4	4	..	3	3	34
Richmond Row	13	7	5	1	1	119
Rose Place	9	6	..	4	4	160
Roderick	3	3	..	..	..	10
Roscoe	3	..	3	1	1	23
St. Martin	20	3	..	10	4	204
Skirving	14	7	6	9	9	78
Sherwood.....	4	4	..	2	2	59
Sand.....	3	3	..	1	1	33
Snowdon	7	7	..	..	..	11
Skelhorne.....	6	..	5	2	..	34
St. Andrew	52	..	7	7	2	276
Shannon	6	..	5	4	..	12
Sparling	7	7	..	2	2	74
St. James	3	3	..	..	..	39
Simpson	7	6	..	1	1	33
Tatlock.....	14	12	..	6	6	103
Tenterden	17	7	..	..	..	77
Titchfield.....	3	3	..	5	4	113
Thurlow	11	11	..	2	2	44
Trowbridge.....	8	..	6	6	5	107
Upper Frederick.....	22	7	9	22	20	294
Upper Pownall	3	3	..	..	..	17
Wright.....	11	8	..	5	5	121
Whitley	11	4	6	1	1	23

The Medical Officer is indebted to the kindness of Mr. Hagger, Vestry Clerk, for the following valuable Tables:—

PARISH OF LIVERPOOL.

Return of Infectious Diseases, &c., in Workhouse Hospital.

1874. WEEK ENDING		TYPHUS.					SIMPLE CONTINUED.					MEASLES.				
		No. at commence- ment of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commence- ment of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commence- ment of week.	Admitted.	Discharged.	Died.	Remaining at end of week.
Jan.	10....	13	6	3	2	14	10	8	2	..	16	..	..	..	..	..
„	17....	14	3	2	..	15	16	8	8	..	16	..	4	1	1	2
„	24....	15	5	4	1	15	16	10	8	..	18	2	11	..	2	11
„	31....	15	7	5	1	16	18	10	7	..	21	11	8	3	1	15
Feb.	7....	16	10	1	1	24	21	5	10	..	16	15	13	1	2	25
„	14....	24	4	2	..	26	16	3	8	..	11	25	21	7	3	36
„	21....	26	6	1	1	30	11	4	4	..	11	36	4	6	7	27
„	28....	30	2	7	3	22	11	8	3	..	16	27	4	26	2	3
March	7....	22	1	10	..	13	16	7	5	..	18	3	6	2	..	7
„	14....	13	..	8	..	5	18	4	9	..	13	7	2	4	..	5
„	21....	5	3	4	..	4	13	7	5	..	15	5	2	..	..	7
„	28....	4	2	1	..	5	15	1	10	..	6	7	3	4	..	6
April	4....	5	7	..	..	12	6	12	5	..	13	6	1	3	..	4
„	11....	12	5	1	3	13	13	15	5	..	23	4	..	..	..	4
„	18....	13	..	..	..	13	23	13	13	1	22	4	2	3	..	3
„	25....	13	5	8	..	10	22	5	11	..	16	3	1	2	..	2
May	2....	10	3	5	..	8	16	7	11	..	12	2	1	..	..	3
„	9....	8	2	1	1	8	12	6	8	..	10	3	1	2	..	2
„	16....	8	5	1	1	11	10	6	8	..	8	2	2	2	..	2
„	23....	11	6	2	3	12	8	11	2	..	17	2	2	1	..	3
„	30....	12	3	3	1	11	17	16	13	1	19	3	4	2	..	5
June	6....	11	5	3	1	12	19	6	12	..	13	5	4	1	..	8
„	13....	12	1	1	..	12	13	10	12	..	11	8	1	2	..	7
„	20....	12	3	1	1	13	11	10	9	..	12	7	..	3	..	4
„	27....	13	11	2	2	20	12	9	7	..	14	4	2	2	..	4
July	4....	20	3	4	1	18	14	9	7	..	16	4	..	4	..	..
„	11....	18	2	1	1	18	16	7	9	..	14	..	3	1	..	2
„	18....	18	5	5	2	16	14	6	7	..	13	2	..	..	..	2
„	25....	16	8	5	2	17	13	5	6	..	12	2	..	..	..	2
Aug.	1....	17	3	4	3	13	12	9	8	..	13	2	..	2	..	..
„	8....	13	2	4	..	11	13	5	7	2	9	..	..	..	..	..
„	15....	11	3	1	2	11	9	7	2	1	13	..	2	..	..	2
„	22....	11	9	5	3	12	13	7	4	..	16	2	2	..	..	4
„	29....	12	3	1	3	11	16	12	7	..	21	4	7	1	..	10
Sept.	5....	11	18	2	1	26	21	5	4	..	22	10	5	4	..	11
„	12....	26	4	2	1	27	22	4	16	..	10	11	4	5	1	9
„	19....	27	11	10	2	26	10	9	4	..	15	9	4	2	3	8
„	26....	26	8	8	2	24	15	6	12	..	9	8	8	3	1	12
Oct.	3....	24	3	4	1	22	9	12	7	1	13	12	3	1	..	14
„	10....	22	9	2	2	27	13	9	7	1	14	14	6	7	2	11
„	17....	27	24	9	..	42	14	15	13	..	16	11	10	7	..	14
„	24....	42	13	9	4	42	16	13	13	..	16	14	6	2	..	18
„	31....	42	16	12	3	43	16	8	3	1	20	18	6	8	..	16
Nov.	7....	43	17	12	5	43	20	17	13	..	24	16	..	8	1	7
„	14....	43	17	10	4	46	24	15	17	..	22	7	..	5	1	1
„	21....	46	25	15	2	54	22	14	15	..	21	1	..	..	..	1
„	28....	54	17	13	2	56	21	21	14	..	28	1	..	1	..	..
Dec.	5....	56	15	17	2	52	28	21	21	..	28	..	..	..	..	..
„	12....	52	27	21	1	57	28	26	19	..	35	..	1	..	..	1
„	19....	57	10	16	5	46	35	15	23	..	27	1	..	1	..	..
„	26....	46	9	16	5	34	27	13	14	..	26	..	..	..	..	..
1875.																
Jan.	2....	34	11	13	1	31	26	13	10	1	28	..	1	..	..	1

PARISH OF LIVERPOOL.

Return of Infectious Diseases, &c., in Workhouse Hospital.

1874. WEEK ENDING		SCARLATINA.				SMALL POX.				TYPHOID.						
		No. at commence- ment of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commence- ment of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commence- ment of week.	Admitted.	Discharged.	Died.	Remaining at end of week.
Jan.	10.....	2	1	..	..	3	1	..	..	..	1	..	1	..	..	1
"	17.....	3	..	..	..	3	1	..	..	..	1	1	1	..	1	1
"	24.....	3	..	..	..	3	1	..	..	..	1	1	1	..	2	..
"	31.....	3	..	1	..	2	1	..	..	..	1	..	..	..	..	..
Feb.	7.....	2	2	..	..	4	1	..	..	..	1	..	..	..	..	..
"	14.....	4	..	..	..	4	1	..	1	..	..	1	..	1	..	..
"	21.....	4	..	..	1	3	..	..	..	..	..	..	..	..	..	..
"	28.....	3	7	..	..	10	..	..	..	..	..	..	..	..	..	..
March	7.....	10	..	3	1	6	..	..	..	..	..	..	..	..	..	..
"	14.....	6	3	..	1	8	..	..	..	..	..	..	..	..	..	..
"	21.....	8	..	..	..	8	..	..	..	..	..	..	..	..	..	..
"	28.....	8	3	4	..	7	..	1	..	..	1	..	..	..	..	..
April	4.....	7	..	..	1	6	1	..	..	..	1	..	..	..	..	..
"	11.....	6	5	2	..	9	1	1	..	..	2	..	..	..	..	..
"	18.....	9	1	1	1	8	2	..	1	1	..	..	..	..	..	..
"	25.....	8	1	2	..	7	..	2	..	..	2	..	..	..	..	..
May	2.....	7	1	1	..	7	2	2	..	1	3	..	..	..	..	..
"	9.....	7	..	1	..	6	3	..	..	..	3	..	2	..	..	2
"	16.....	6	1	..	..	7	3	1	1	..	3	2	1	..	..	3
"	23.....	7	1	1	..	7	3	1	..	..	4	3	1	..	1	3
"	30.....	7	2	2	..	7	4	4	..	..	8	3	1	2	..	2
June	6.....	7	1	..	..	8	8	1	2	1	6	2	..	1	..	1
"	13.....	8	1	4	..	5	6	5	1	..	10	1	..	..	..	1
"	20.....	5	1	..	..	6	10	1	4	..	7	1	1	..	1	1
"	27.....	6	1	2	1	4	7	1	5	..	3	1	2	..	2	1
July	4.....	4	..	2	..	2	3	2	..	..	5	1	..	1	..	..
"	11.....	2	2	..	..	4	5	..	2	..	3	..	1	..	1	..
"	18.....	4	3	..	..	7	3	1	1	..	3	..	..	..	..	..
"	25.....	7	..	3	..	4	3	..	..	..	3	..	2	..	..	2
Aug.	1.....	4	3	..	..	7	3	..	3	..	..	2	..	1	1	..
"	8.....	7	4	3	1	7	..	..	..	..	..	..	..	..	..	..
"	15.....	7	7	..	1	13	..	..	..	..	..	..	..	..	..	..
"	22.....	13	5	..	3	15	..	..	..	..	..	..	..	..	..	..
"	29.....	15	14	4	..	25	..	..	..	..	..	..	1	..	..	1
Sept.	5.....	25	1	3	..	23	..	..	..	..	..	1	2	..	..	3
"	12.....	23	5	2	..	26	..	..	..	..	..	3	..	..	..	3
"	19.....	26	2	4	3	21	..	..	..	..	..	3	1	..	..	4
"	26.....	21	2	10	..	13	..	..	..	..	..	4	..	1	..	3
Oct.	3.....	13	3	2	..	14	..	1	..	..	1	3	..	1	..	2
"	10.....	14	6	2	..	18	1	..	1	..	..	2	..	1	..	1
"	17.....	18	18	6	3	27	..	..	..	..	..	1	1	..	1	1
"	24.....	27	6	5	..	28	..	..	..	..	..	1	1	..	1	1
"	31.....	28	8	3	2	31	..	..	..	..	..	1	1	..	..	2
Nov.	7.....	31	5	8	..	28	..	..	..	..	..	2	..	..	..	2
"	14.....	28	3	9	..	22	..	..	..	..	..	2	2	..	1	3
"	21.....	22	8	5	1	24	..	..	..	..	..	3	..	..	..	3
"	28.....	24	4	3	..	25	..	..	..	..	..	3	..	..	..	3
Dec.	[5.....	25	4	2	2	25	..	4	..	..	4	3	..	..	..	3
"	12.....	25	6	5	1	25	4	1	1	1	3	3	..	2	..	1
"	19.....	25	3	5	..	23	3	1	..	..	4	1	1	..	1	1
"	26.....	23	1	2	2	20	4	1	..	1	4	1	..	1	..	..
1875.																
Jan.	2.....	20	3	8	1	14	4	3	..	..	7	..	..	..	..	..

PARISH OF LIVERPOOL.

RETURN OF PERSONS IN RECEIPT OF RELIEF IN THE YEAR 1874.

Week ending.	Work-house.	Industrial Schools.	Out Relief.	Week ending.	Work-house.	Industrial Schools.	Relief.
1874.				1874.			
January 10..	2420	900	4868	July 11..	2077	832	3760
„ 17..	2404	907	4927	„ 18..	2061	838	3643
„ 24..	2432	906	4965	„ 25..	2080	834	3546
„ 31..	2487	900	4891	August 1..	2113	847	3560
February 7..	2439	910	4915	„ 8..	2103	860	3605
„ 14..	2437	913	4850	„ 15..	2103	862	3708
„ 21..	2401	919	4742	„ 22..	2124	859	3578
„ 28..	2411	912	4719	„ 29..	2158	859	3600
March 7..	2356	915	4687	September 5..	2166	841	3530
„ 14..	2374	894	4786	„ 12..	2167	836	3455
„ 21..	2350	880	4590	„ 19..	2180	834	3517
„ 28..	2346	865	4541	„ 26..	2109	848	3534
April 4..	2308	861	4417	October 3..	2160	832	3475
„ 11..	2262	850	4372	„ 10..	2231	812	3484
„ 18..	2235	849	4335	„ 17..	2211	806	3476
„ 25..	2196	858	4188	„ 24..	2250	796	3408
May 2..	2144	851	4187	„ 31..	2257	802	3428
„ 9..	2164	834	4148	November 7..	2286	801	3454
„ 16..	2144	834	4103	„ 14..	2356	807	3458
„ 23..	2170	836	4075	„ 21..	2379	814	3415
„ 30..	2151	837	4063	„ 28..	2444	812	3458
June 6..	2127	838	3981	December 5..	2469	823	3427
„ 13..	2094	831	3947	„ 12..	2533	820	3390
„ 20..	2108	827	3884	„ 19..	2592	832	3437
„ 27..	2099	840	3821	„ 26..	2552	836	3340
July 4..	2096	845	3753	1875.			
				January 2..	2616	831	3428

These show that the average number of persons suffering from Continued Fever (including therein Typhus, Typhoid, and Simple Continued Fever), at one time in Hospital during the year 1874, was 40, and their percentage death-rate 11·1; the average number of cases of Measles at one time in Hospital during the year was 6, and their percentage death-rate was 16·1; the average number of cases of Scarlatina at one time in Hospital during the year was 12, and their percentage death-rate was 16·2; the average number of cases of Small Pox at one time in Hospital during the year was 2, and their percentage death-rate was 14·2.

The number of persons in receipt of Parochial Relief on Saturday, the 4th July, 1874, was 6,694, or 1,674 less than at the corresponding period of 1873, and the number on Saturday, the 2nd. January 1875, was 6,875, or 1,142 less than on Saturday the 27th December 1873.

SANITARY WORK.

Classification of Privies Certified for Conversion into Water Closets, from January to December, 1874, both months inclusive.

CAUSE OF CERTIFICATE.	WARDS.														TOTAL.
	Scotland.	Vauxhall.	St. Paul's.	Exchange.	St. Anne's.	Lime Street.	Castle Street.	St. Peter's.	Pitt Street.	Rodney Street.	Abercromby.	Everton and Kirkdale.	West Derby.	North Toxteth.	
Privies situated inside Houses and beneath inhabited Apartments . . . . . }	..	..	..	..	..	..	..	..	1	..	..	..	..	1	2
Privies adjoining House Walls	1	..	..	..	..	..	..	1	..	2	..	34	2	..	40
Privies situated within 3 feet of doors .. }	..	..	..	..	..	..	..	..	..	3	..	..	1	1	5
and windows of houses . . . . . }	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2
Privies situated beneath bedrooms . . . . .	..	..	..	..	2	..	..	1	..	..	..	..	2	..	5
Privies emptied through houses . . . . .	..	..	..	3	1	4	1	..	..	..	2	3	2	..	18
Privies emptied through Courts . . . . .	..	1	1	..	..	..	..	..	..	4	5	2	5	4	20
Tunnel Middens . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL	1	1	1	5	1	4	1	2	1	10	7	39	13	6	92

LODGING-HOUSES.

The Health Committee have, since the passing of the Sanitary Act, 1866, ruled that, as far as possible, all registered lodging-houses should have a day apartment for the accommodation of their lodgers, and that all houses where single rooms were occupied by day and night should be registered as sub-let. The space required for a night lodger in a registered lodging-house is 300 cubical feet, while the space in a sub-let house for each adult is 350 feet.

There were on the register 1,007 lodging houses at the end of 1873, and 1,091 at the end of 1874. This difference was occasioned by the removal of 226 old licenses, and the addition of 310 new ones. The visits to lodging-houses are both by day and night. The lodging-houses of the better class, and especially those provided only with single beds for each person, and only with the number of beds equivalent to the number of lodgers allowed, are not visited at night except on grave suspicion, or on complaint, or in the case of foreign emigrant lodging-houses. The night visits are pretty nearly restricted to the low districts and tramp houses. The number of day visits paid during the year was 39,401, and the night visits 5,665. The number of lodging-houses found overcrowded on the night visits was 42, the number of informations laid for breaches of the bye-laws was 165, with the results of fines in 149 cases to the extent of £40 18s. 0d., in sums varying from 1s. to 40s. and

costs. The number of lodging-houses found dirty was 204 ; notices were served to limewash and cleanse.

It is necessary frequently to visit houses which are not licensed either as lodging or sub-let houses, especially when emigration is brisk, or at race times. There were 2,083 such visits paid during the day, and in 42 of the cases where suspicion was confirmed, they were followed up by night visits. A tenant harbouring lodgers is not taken before the Justices for the first offence, but is noticed to have his rooms measured and licensed. There were 309 such notices issued during the year, but in only 4 cases did the tenants refuse to comply ; they were brought before the Justices ; two were fined, and in two cases the informations were withdrawn as the tenants had made the necessary applications after the issuing of the summonses. A bye-law requires that every case of infectious sickness in a lodging-house should be at once reported to the Medical Officer of Health. 35 cases of Fever occurred in lodging-houses ; 29 of the patients being lodgers were at once sent to Hospital, the bedding removed to the disinfecting apparatus, and the rooms purified and cleansed. The remaining 6 cases being members of the keepers families were not removed, but the lodging-house licenses were at once suspended. No lodger died from Fever in a registered lodging-house, but there were 92 deaths from non-contagious diseases in lodging houses, of which 66 belonged to the keepers' families and 26 were lodgers.

SUB-LET HOUSES REGISTERED UNDER THE SANITARY ACT OF 1866.

The number of sub-let houses on the Register at the termination of 1873 was 10,162 ; the number registered during 1874 was 436, making the total on the Register on the 31st. December 10,598. The number of visits paid during the night was 11,577, and during the day, 55,708, with the result of finding 974 rooms overcrowded. In addition to overcrowding, the offence (though not punishable in sub-let houses) of permitting adult males and females, not married, to occupy the same room, comes under the notice of, and is entered in the books of the Inspectors. There were 489 rooms thus indecently occupied by 711 males and 915 females, besides having also in these rooms 326 children between the ages of 5 and 13 years ; The character of the indecent occupation may be judged of from the following facts : in 243 instances, one man and two women were found in the same bedroom ; in 114 instances, two men and one woman ; in fifty-five instances, two men and two women ; in forty-six instances, one man and three women ; in twelve instances, three men and one woman ; in four instances, two men and three women ; in four instances, three men and two women ; in three instances, one man and

four women ; in three instances, four men and one woman ; in two instances, three men and three women ; in one instance, two men and five women ; in one instance, four men and three women ; and in one instance, one man and six women.

Informations were laid against 795 chief tenants for permitting overcrowding in rooms, with the following results :—650 were fined 1s. and 1s. costs ; 102 fined 2s. 6d. and 2s. 6d. costs ; 13 fined 5s. and 4s. 6d. costs ; 5 fined 10s. and costs ; and 4 fined 20s. and costs ; making a total of fines levied during the year of £105 4s. 0d. Of the remaining 21 cases, 15 informations were withdrawn, the tenants having abated the overcrowding ; in 6 cases the tenants were acquitted—the majority because it was the first offence, and the remainder because of their poverty, and their promise not again to offend.

BAKEHOUSES.

1,038 day visits and 1,307 night visits have been made to Bakehouses during the year. 9 informations were laid for working young people below the age of 18 years, between the hours of 9 p.m. and 5 a.m. In 8 cases penalties varying from 5s. and costs to 20s. and costs, and making a total of £4 16s. 0d., were inflicted. 82 Bakehouses were found dirty and notices were served to limewash and cleanse them.

LICENSES FOR CATTLE.

During the year 1874, 12 applications for Licenses to keep 89 cows were made to and granted by the Health Committee ; 21 shippons licensed to keep 177 cows have been given up during the year. There are at present 512 shippons licensed to keep 5,057 cows. 63 of the premises previously licensed have been transferred to fresh tenants. In 72 of the shippons pigs are also allowed to be kept ; in 65 of them, only two pigs each ; in 6, 4 pigs ; and in 1, 5 pigs.

69 applications were made during the year to keep pigs in styes separate from and unconnected with shippons ; 21 of the applications for keeping 64 pigs were granted. 23 piggeries licensed to keep 94 pigs have been given up during the year. 17 piggeries previously licensed have been transferred to fresh tenants. The total number of premises or styes now licensed in the Borough (excluding shippons) is 318, for keeping 893 pigs.

MORTUARIES.

Under the provisions of the 27th section of the Public Health Act, 1866, the Council provided Mortuaries, or proper places for the reception of bodies, dead of infectious disease, which are detained in any room in which persons live or sleep, and of bodies which are in such a state as to endanger the health of the inmates of the house or room in which they are kept.

The following is a list of the cases removed to the Mortuaries by order of the Justices on the certificate of the Medical Officer, with remarks as to the condition of the rooms from which the bodies were removed.

Date.	No.	Street.	Description.	Remarks.
Jan. 16th	27 Cellar	Snowdon.....	Child—Fever ...	Family live and sleep in cellar.
20th	18	John	Woman	The disease not infectious, but body offensive ; a sub-let house.
April 28th	69	Richmond Row	Do.—Fever...	Family live and sleep in same room.
29th	2	Gradwell.....	Do.	The disease not infectious, but body offensive.
June 16th	3	Back Clare	Man.....	The disease not infectious, but body very offensive, family live and sleep in same room.
26th	41	Standish	Child—Fever...	Family live and sleep in same room.
"	5	Kilin	Do. do.....	Parents had been removed to Fever Hospital.
July 22nd	11 Cellar	Landor	Woman	The disease not infectious, but body offensive ; a wake had been held.
Sept. 18th	229	Mill	Child—Fever...	Two other children ill of same disease.
Oct. 27th	1 in 4 Court	Thurlow	Man Do.....	Family live and sleep in same room.
Nov. 2nd	96	Christian.....	Woman Do.....	Two cases of fever in the house.
"	101	Fontenoy	Child Do.....	The body kept several days for the purpose of a wake, and family lived and slept in same room.
10th	62	Gascoyne	Do. do.....	Family live and sleep in same room.
"	4 in 33 Court	Chisenhale	Do. do.....	Family live and sleep in same room,
18th	62	Gascoyne	Do do.....	Family live and sleep in same room, this is the second child removed.
"	1 in 12 Court	Banastre	Do. do.....	Family live and sleep in same room.
"	3 in 13 Court	Dryden	Do. do.....	Three other children ill of same disease, and family live and sleep in same room.
Dec. 5th	13	Silvester	Do. do.....	Two other children ill of same disease, and family live in same room.
15th	1 in 6 Court	Gladstone	Man do.....	Family live and sleep in same room.
19th	81	Blandford	Woman	The disease not infectious, but body offensive, and family live and sleep in same room.
26th	2 in 10 Court	Brick	Do	The disease not infectious, but body offensive, and family live and sleep in same room.

REMOVAL OF THE SICK TO HOSPITAL.
PUBLIC HEALTH ACT, SEC. 26.

Under the provisions of the above Section, there were removed to Hospital, 39 persons, including 8 men, 5 women, and 26 young persons and children, 32 of whom were suffering from Fever and 7 from Small Pox. In 6 of the cases the law had to be enforced against the wishes of the patients or of their friends.

THE DISINFECTING APPARATUS.

The number of articles sent to the Disinfecting Apparatus during the year amounted to 69,154.

DATE 1874.		NUMBER OF ARTICLES DISINFECTED IN THE APPARATUS	DATE 1874.		NUMBER OF ARTICLES DISINFECTED IN THE APPARATUS.
		New Bird Street.			New Bird Street.
Week ending			Week ending		
January	8	864	July	9	1354
	15	1218		16	1259
	22	1265		23	4047
February	29	825	August	30	1296
	5	341		6	1260
	12	533		13	1715
	19	860		20	1152
March	26	681	September	27	1066
	5	853		3	2695
	12	288		10	836
	19	785		17	1499
April	26	836	October	24	2306
	2	352		1	1702
Total for.... } Quarter }		9701	Total for.... } Quarter }		22187
April	9	702	October	8.....	Ford St. 714
	16	1022		15.....	946
	23	906		22.....	1212
	30	1022		31.....	576 874
May	7	1496	November	7.....	849 732
	14	1273		14.....	950 1088
	21	2152		21.....	683 759
	28	2147		28.....	1108 1139
June	4	2075	December	5.....	909 1121
	11	1305		12.....	853 693
	18	1743		19.....	630 772
	25	1160		26.....	521 661
July	2	1238	January	2.....	697 538
Total for.... } Quarter }		18241	Total for.... } Quarter }		7776 11249

DISINFECTION OF HOUSES.

In all cases of infectious disease the houses were disinfected, free of cost, with sulphurous gas, by officers appointed by the Health Committee, but whenever there was sickness in any room of the house, so as to endanger health by the use of sulphurous gas, carbolic acid powder was freely sprinkled in the rooms and passages of the house until the sulphurous gas could be used safely. No house is considered properly disinfected until the sulphurous gas has been used. The existence of sickness, and the consequent employment of carbolic acid powder, necessitate many visits by the persons in charge of disinfection. There were in all 7,316 visits paid to the houses for the purposes of disinfection; the number of houses properly disinfected being 3,515

INSPECTOR OF NUISANCES' REPORT, YEAR ENDING 1874.
UNWHOLESOME MEAT AND FISH SEIZED AND DESTROYED.

DATE.—1874.		Beef.	Veal.	Mutton.	Lamb.	Pork.	Poultry.	Rabbits.	Fish.	Shell-fish.	Oysters.
		Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Head	Head	Lbs.	Bags.	Number
MARKETS.	SLAUGHTER HOUSES.										
	Abattoir	89884	4463	18433	..	7444	..	..	..	..	..
	Bevington Hill	56747	3361	815	..	..	..	..	..	..	..
	Bolton Street .....	..	90	..	..	..	..	..	..	..	..
	Crown Street .....	..	85	..	..	..	..	..	..	..	..
	Finch Place .....	..	..	192	..	..	..	..	..	..	..
	Grinfield Street .....	..	..	186	..	..	..	..	..	..	..
	Gelling Street	7225	279	730	..	..	..	..	..	..	..
	Leeds Street .....	..	..	..	..	200	..	..	..	..	..
	Parliament Street	424	127	..	..	..	..	..	..	..	..
	Price Street	110	..	..	..	..	..	..	..	..	..
	Scotland Road	1645	401	156	..	..	..	..	..	..	..
	Stanley Road	26485	224	831	..	609	..	..	..	..	..
	Upper Milk Street ..	25716	..	250	..	863	..	..	..	..	..
	Cleveland Square .....	..	..	..	..	..	..	..	263	..	..
	Gill Street .....	..	..	897	..	..	..	..	..	..	..
	St. James'	1439	76	516	..	29	1	18	..	..	..
	St. John's	1919	226	905	..	66	235	907	315480	87	..
	St. Martin's	1193	49	504	..	187	..	..	644	..	..
	Athol Street	180	..	..	..	..	..	..	..	..	..
	Christian Street .....	..	..	..	..	..	..	..	975	..	..
	Caryl Street .....	..	..	..	..	84	..	..	..	..	..
	Collingwood Dock ..	..	..	..	..	..	..	..	..	19	..
	Edge Hill Station	3808	..	..	..	..	..	..	210	..	..
	Fox Street .....	..	..	..	..	..	..	..	76	..	..
	Great Homer Street ..	57	..	..	..	..	..	..	43	..	..
	Great Charlotte Street ..	..	..	..	..	..	..	..	37555	..	..
	George's Dock .....	..	..	..	..	..	..	..	75000	..	..
	Hood Street .....	..	..	180	..	..	..	74	..	..	..
	Hill Street	801	..	75	..	..	..	..	..	..	..
OTHER PARTS.	Lancashire and York- shire Railway .....	..	..	..	..	..	..	..	2688	..	..
	Lime Street Station ..	..	..	..	..	..	..	..	6079	..	..
	London Road .....	..	..	..	..	..	..	..	103	..	..
	Liver Street .....	..	..	..	..	..	..	..	184	..	..
	Leece Street .....	..	..	..	..	..	812	..	..	..	..
	Midghall Street .....	..	..	..	..	..	..	..	449	..	..
	Marybone	15	..	..	..	829	..	..	..	..	..
	Moorfields .....	..	Two	quarts	of	Soup.	..	..	..	..	..
	Mill Street	70	..	..	..	426	..	..	..	..	..
	Park Road .....	..	45	..	..	..	..	..	2	..	..
	Park Lane .....	..	..	..	..	..	..	..	115	..	..
	Richmond Row .....	..	..	..	..	400	..	..	..	..	..
	Rose Street .....	..	..	..	..	..	..	..	55873	..	..
	Scotland Place .....	..	..	..	..	..	..	..	45	..	..
	Sawney Pope Street ..	..	..	..	..	..	..	..	76	..	..
	Soho Street .....	..	..	..	..	..	..	14	..	..	..
	Sidney Place .....	..	115	..	..	..	..	..	..	..	..
	School Lane .....	..	..	..	..	900	..	..	..	..	..
	Vauxhall Road	19	..	..	..	10	..	..	..	..	..
	Victoria Street .....	..	..	..	..	3074	..	..	..	..	..
	William Henry Street ..	..	..	..	..	340	..	..	..	..	..
	Whitechapel .....	..	..	..	..	74	..	..	..	..	..
		217737	9541	24670	..	15535	1048	1013	495860	106	..

Number of Informations for Exposing Diseased Meat and Fish, &c., for Sale .. 51
 „ Fined .. 42
 „ Sent to Gaol .. 2
 Amount of Fines .. £124 13s. 0d.

SLAUGHTER-HOUSE RETURNS OF CATTLE KILLED IN
THE BOROUGH, 1874.

STREET.		Beasts.	Sheep.	Lambs.	Calves.	Pigs.	Goats.
Abattoir		29621	198762	..	11525	19585	..
NEW PARTS.	Arch No. 30	264	412	30.	..	23	..
	Arch No. 42	934	1474	143	..	..	..
	Back Castle Street	556	1613	325	..	..	..
	Back Empire Street.....	202	890	325	..	..	..
	Back Mount Vernon Green	472	5162	1194	5	..	..
	Browside	457	1207	314	..	..	..
	Byles Street	355	2031	566	..	1	..
	Castle Street	948	3301	774	9	28	..
	Corlett Street	455	1956	521	8	29	..
	Cotter Street.....	229	1102	309	2	810	..
	Crown Street.....	300	1537	391	10	5	..
	Darnley Street .....	..	..	..	..	1636	..
	Embledon Street	367	1506	439	6	56	..
	Gelling Street	545	1541	426	50	..	..
	Grinfield Street.....	44	200	60	..	1	..
	Head Street (No. 1).....	207	2245	651	1	29	..
	Head Street (No. 2).....	..	..	..	..	1699	..
	Knight Street	237	905	234	..	..	..
	Parliament Street	356	1489	554	129	630	..
	Peel Street.....	108	750	241	16	..	..
	Wavertree Road	233	1071	138	2	1	..
OLD PARTS.	Bachelor Street.....	229	1739	472	26	52	..
	Back Commutation Row (1)	567	3014	228	2	..	..
	" " " (2)	418	2330	365	..	..	..
	Benledi Street	844	2503	581	..	..	..
	Bevington Hill	2640	2118	384	754	20	..
	Bolton Street.....	1137	2182	1617	82	..	..
	Brownlow Hill	246	854	378	..	..	..
	Byrom Street.....	..	..	..	..	908	..
	Finch Place	977	4492	1241	21	..	..
	Frederick Street	377	1277	311	1	3	..
	Hodson Street	360	1912	236	..	..	..
	Hood Street	1544	4529	458	98	..	..
	Leeds Street	104	219	..	..	5319	..
	Lower Milk Street .....	..	..	..	..	2305	..
	Lydia Ann Street.....	199	119	358	..	2	..
	Norfolk Street	1505	2239	484	..	..	..
	Norman Street .....	..	..	..	..	853	..
	Plumbe Street .....	..	..	..	..	2399	..
	Prices Street	549	1603	..	4	8	..
	Scotland Road	282	796	34	55	..	..
	Silver Street	61	41	..	..	..	..
	Soho Street .....	..	..	..	..	2362	..
	Stanley Road.....	1263	2370	589	37	1040	..
	St. James' Street	296	1194	220	..	..	..
	Upper Milk Street	1318	1575	53	..	7687	..
Total in Private Slaughter-							
houses		22185	67498	15644	1318	27906	..
Total in Borough .		51806	266260	15644	12843	47491	..

NUISANCES.

Nuisances inspected, complained of by the Inhabitants	..	..	..	..	..	3,001
„ Reported by District Inspectors	..	..	..	..	..	41,965
„ Notices issued	..	..	..	..	..	23,423
„ Referred to the Medical Officer	..	..	..	..	..	116
„ „ „ Borough Engineer	..	..	..	..	..	1,819
„ „ „ Building Surveyor	..	..	..	..	..	238
„ „ „ Water Engineer	..	..	..	..	..	5,089
„ „ „ Superintendent of Scavengers	..	..	..	..	..	6,765
Number of Informations	..	..	..	..	..	941
„ fined	..	..	..	..	..	145
Magistrates Orders to abate	..	..	..	..	..	89
Number withdrawn and acquitted	..	..	..	..	..	707
Amount of Fines	..	..	..	..	..	£125 17 11

HOUSE TO HOUSE VISITATION.

Number of Streets examined	..	..	..	..	..	3046
„ „ „ houses examined	..	..	..	..	..	51,340
„ „ „ „ found clean	..	..	..	..	..	47,045
„ „ „ „ „ dirty	..	..	..	..	..	4,295
Apartments in Street houses examined	..	..	..	..	..	180,448
Number of Courts examined	..	..	..	..	..	5,446
„ „ „ houses examined	..	..	..	..	..	28,244
„ „ „ „ found clean	..	..	..	..	..	24,141
„ „ „ „ „ dirty	..	..	..	..	..	4,103
Apartments in Court houses examined	..	..	..	..	..	83,982
Re-inspection of dirty houses	..	..	..	..	..	18,661
Total number of houses examined	..	..	..	..	..	94,142

COURT AND PRIVY EXAMINATION.

Number of Visits to Courts and Alleys	..	..	..	..	..	133,375
„ „ Closets found dirty and cleaned during the Officers Inspection	..	..	..	..	..	57,973

CELLAR EXAMINATION.

Number of Streets in which Cellars have been inspected	..	..	..	..	..	2,447
„ „ Cellars examined	..	..	..	..	..	23,337
„ „ „ „ exempt from operation of the Act	..	..	..	..	..	4,757
„ „ „ „ found empty	..	..	..	..	..	9,621
„ „ „ „ illegally occupied	..	..	..	..	..	678
„ „ „ „ legally	..	..	..	..	..	8,281
„ „ Courts in which Cellars have been inspected	..	..	..	..	..	3,455
„ „ Cellars examined	..	..	..	..	..	16,508
„ „ „ found empty	..	..	..	..	..	12,545
„ „ „ illegally occupied	..	..	..	..	..	189
„ „ „ legally occupied	..	..	..	..	..	3,774
Number of Cellar Informations	..	..	..	..	..	232
„ Fined	..	..	..	..	..	182
„ Acquitted and Withdrawn	..	..	..	..	..	47
„ of Orders obtained to close	..	..	..	..	..	3
„ of Cellar Notices issued	..	..	..	..	..	942
Amount of Fines	..	..	..	..	..	£21 4 6

INFECTIOUS DISEASES IN HOUSES.

2,511 Street Houses examined containing	..	..	..	..	..	3,788 cases
774 Court	"	"	"	..	..	1,145 "
150 Cellars	"	"	"	..	..	208 "
Number of Notices to Owners to cleanse Houses in which Infectious Disease has occurred	..	..	..	..	..	3,631
Number of Notices to Occupiers to Whitewash Dirty Houses	..	..	..	..	..	9,231
" " " to Owners to Whitewash the exterior of Courts	..	..	..	..	..	2,363
Renewed Notices to Whitewash	..	..	..	..	..	4,304
Number of Informations against Infected and Dirty Houses	..	..	..	..	..	401
Number Fined	..	..	..	..	..	137
Number Acquitted and Withdrawn	..	..	..	..	..	264
Amount of Fines..	..	..	..	..	..	£68 17 0

SHIPPON AND PIGGERY INSPECTION.

Number of Shippens and Piggeries inspected	..	..	..	..	..	1,272
„ „ Informations	..	..	..	..	..	71
„ Fined	..	..	..	..	..	66
Amount of Fines	..	..	..	..	£24 2 6	

WATER CLOSET INSPECTION.

Number of Privies certified	..	..	..	..	..	..	..	92
Number converted into Water Closets..	..	..	..	..	..	..	..	88

SMOTHERED CATTLE.

Beasts.	Sheep.	Pigs.	Number found good.	Num ber found bad.	Weight of Bad in pounds.
31	114	17	100½	61½	6790

REMOVALS UNDER JUSTICES' ORDERS.

Bodies Removed to Mortuaries.			Persons Removed to Hospitals.			
Smithdown Rd.	St. Martin's.	Anfield.	Brownlow Hill.	Mill Road.	Toxteth Park.	Netherfield Rd.
1	20	..	14	2	2	21

PROCEEDINGS FOR EXCESSIVE SMOKE.

Total Number of Informations against Manufactories	..	..	..	..	..	141
„ „ „ „ „ Steamers	..	..	..	..	..	52
„ „ Fined	..	..	..	..	..	184
„ „ Acquitted or withdrawn	..	..	..	..	..	9
Amount of Fines	..	..	..	..	..	£165 18 0

PROCEEDINGS UNDER THE ADULTERATION ACT.

Number of Articles purchased for Analysis	..	..	..	..	..	..	175
„ „ Informations	..	..	..	..	..	..	28
„ Fined	..	..	..	..	..	..	27
Amount of Fines and Costs	..	..	..	..	..	£68 1 6	

DURING THE YEAR 1874 ENDING SATURDAY, 2ND JANUARY, 1875.

[illegible]

